



Compact HID Lamps and Gear



Compact HID Lamps

Lighting is crucial for creating the right mood and environment for many different types of retail experiences. Consumer purchasing behaviour is not always the same. It can be purely functional, for instance when buying the daily necessities, but on other occasions shoppers may be impulsive, or want to indulge themselves and expect a much more sophisticated experience that is also educational and entertaining. Creating the right ambience for customers and showing merchandise in the best possible light is good for business and increasing profit.

Attractively lit shops, showrooms and shopping centres encourage more customers inside and persuade them to stay longer. The Compact High-Intensity Discharge range of lamps perfectly meet this need. They will not only boost your sales, they will reduce your lighting costs, giving you the best of both worlds.

The range that meets all of your needs

Our Compact HID lamps let you choose the right light for your application. Whether it is accent lighting, power spots, down lighting, wall washing, floodlighting or area lighting, the Compact HID range has the right lamp. In fashion and fresh food, they make all the difference. They are also the first choice for new retail lighting installations and the ideal lamps to upgrade existing installations. The majority of lamps in the Compact HID range are in the Philips MASTER category, which include MASTERColour CDM lamps and MASTER SDW lamps.



Philips MASTERColour CDM category

Philips MASTERColour CDM lamps offer unrivalled light quality. Its crisp, white light gives merchandise – and especially clothing, footwear and fashion accessories – an added vibrancy. Colour reproduction is exceptional. Reds are deep and luxurious, yellows become brighter and warmer, while blues and greens are extremely vivid. The texture of materials is also enhanced and accentuated. Philips MASTERColour CDM lamps maintain their excellent colour stability. The fashion industry never stands still; new developments are taking place all the time. The same applies to lighting. We are constantly evaluating our product offer so we can create an even more satisfying experience for end-users. An extension of the MASTERColour family, Elite lamps naturally have all the characteristics which have proved so popular, such as stable colour temperature, crisp, white light and reduced heat generation.

MASTERColour CDM Elite; Simply irresistible

Philips MASTERColour CDM Elite lamps draw shoppers to your store by creating an appealing and fresh ambience. The crisp, stable white light also gives amazingly accurate colour reproduction that shows off merchandising like never before. And then continues to do so, season after season after season...

The Philips MASTERColour CDM Elite family is at the very top of our Philips MASTERColour CDM range. Comprising 35 and 70 W versions, its crisp, sparkling white light, excellent colour rendering and superb energy efficiency are the reason why many of you consider it to be the best light for fashion retail.

MASTERColour CDM Elite is also a Philips Green product, and therefore by definition outperforms its predecessor or closest market competitors in at least one of six key environmental areas. In the case of Elite, it comes out on top in two; hazardous substances and lifetime reliability.

Energy saving with MASTERColour CDM-Tm Mini

Buildings today account for 40 percent of energy consumption in developed countries. But the revolution in lighting technology means that switching from the older lighting to the new will bring huge savings.

For example, the MASTERColour CDM-Tm Mini lamp saves up to 70% energy compared with traditional halogen lighting solutions with a similar light output. For retail outlets with hundreds of luminaires, this translates into a significant saving and the quality of light is superior as well.



CDM-T 35W /930

Product Description

- Single-ended, high-efficiency Ceramic Metal Halide discharge lamp

Product Features

- Crisp white light
- Excellent colour rendering (Ra 90)
- Reliable lifetime performance
- Stable colour performance during lifetime
- Increased light output compared with regular MASTERColour lamps
- Improved maintenance compared with regular MASTERColour lamps
- Burning position for
 - CDM Elite-T 35 W: vertical +/- 60 degrees
 - CDM Elite-T 70 W: universal

Product Benefits

- Outstanding rendering of displayed merchandise due to high colour rendering (Ra 90) in combination with high lumen output; best offer in the market for 'enhancing merchandise'
- Excellent colour quality, which remains stable over lifetime
- Light output over lifetime maintains display brightness
- High efficacy and long lifetime for lowest operating costs and low heat generation
- Relatively low heat generation enhances comfort for shoppers and staff
- UV-Block for reduced fading risk of merchandise

Application

- Accent and display lighting with a sparkling effect, excellent solution for Retail
- Decorative outdoor floodlighting

Luminaires

- Must be used in closed luminaires with a proper cover (IEC 61167 and IEC 60958)

System

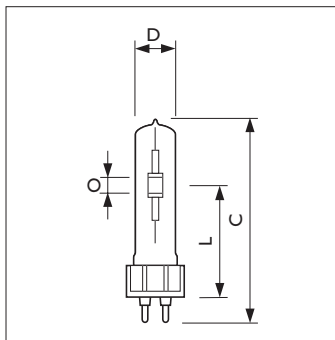
- Must be used with electronic gear such as PrimaVision

Environment

- Excellent environmental choice because of high energy efficiency and long reliable life
- This product is a Philips Green product
- This product is RoHS compliant
- This product is covered by WEEE

Recommended gear page 2.98

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CDM-T

Type	CMax	DMax	LMin	LNom	LMax	OMin	ONom	OMax
MASTERColour CDM-T Elite 35W/930 G12 ICT	103	20	55	56	57	-	4.3	-
MASTERColour CDM-T Elite 70W/930 G12 ICT	103	20	55	56	57	5.45	5.75	6.05

Technical data



Type	Lamp Current EL (A)	Lamp Wattage EL (W)	Lamp Voltage (V)	Rated Lamp Wattage	Dimmable	Ignition Peak Voltage (V)	Ignition Supply Voltage (V)	Ignition Time (sec)
MASTERColour CDM-T Elite 35W/930 G12 ICT	-	39	85	35	No	5000	198	30
MASTERColour CDM-T Elite 70W/930 G12 ICT	0.840	73	87	70	No	5000	198	30

Technical data

Type	Re-ignition Time (min)	Run-up time 90% (min)	Life to 50% failures (hrs)
MASTERColour CDM-T Elite 35W/930 G12 ICT	15	3	12000
MASTERColour CDM-T Elite 70W/930 G12 ICT	15	3	12000

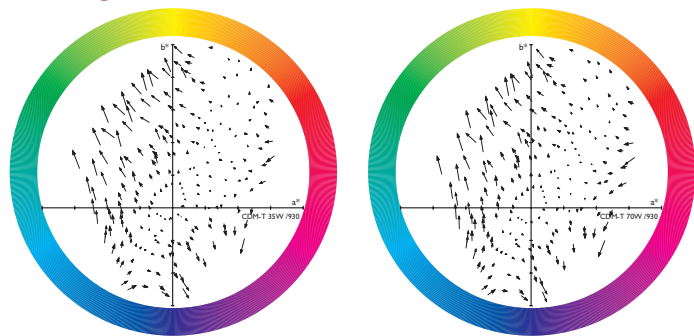
Light data

Type	Luminous Flux Lamp EL (lm)	Luminous Efficacy Lamp EL (lm/W)	Colour Designation	Colour Temperature (K)	Colour Rendering Index (Ra)	Chromaticity Coordinate X	Chromaticity Coordinate Y	Operating Position
MASTERColour CDM-T Elite 35W/930 G12 ICT	3500	90	Warm White	3000	90	432	396	vbu/vbd60
MASTERColour CDM-T Elite 70W/930 G12 ICT	7300	100	Warm White	3000	90	434	395	any

Ordering and packing data

Type	ILCOS	EAN code 1 piece	Weight	Qty bulk packing	Dimensions bulk packing	EAN code bulk packing	EOC 8711500
MASTERColour CDM-T Elite 35W/930 G12 ICT	MT-35/30/1A-H-G12	8711500208132	0.027 kg	12	14,9 cm x 13,1 cm x 13,6 cm	8711500208149	208132 15
MASTERColour CDM-T Elite 70W/930 G12 ICT	MT-70/30/1A-H-G12	8711500208156	0.029 kg	12	14,9 cm x 13,1 cm x 13,6 cm	8711500208163	208156 15

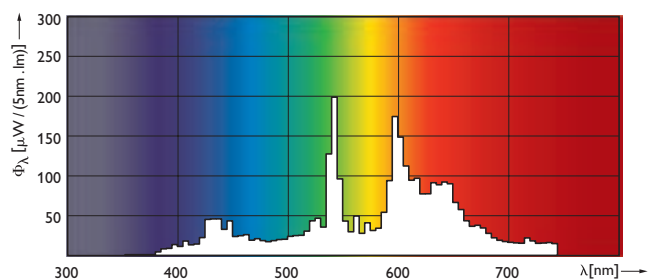
CRV diagram



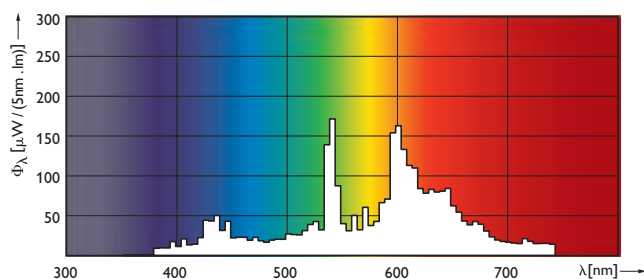
CDM-T

CDM-T 70W /930

Spectral power distribution



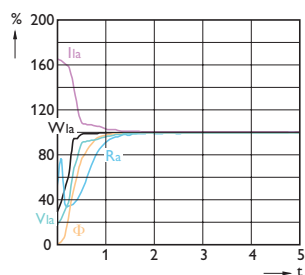
CDM-T 35W /930



CDM-T 70W /930

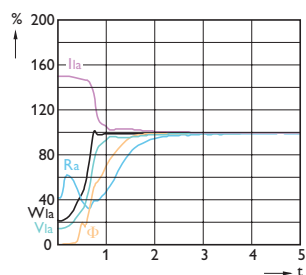
Performance diagram

Lamp performance during run up



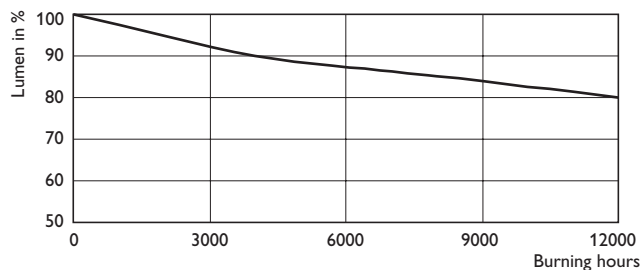
CDM-T 35W /930

Lamp performance during run up

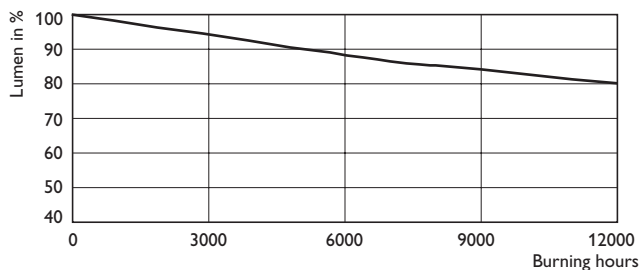


CDM-T 70W /930

Lumen maintenance diagram

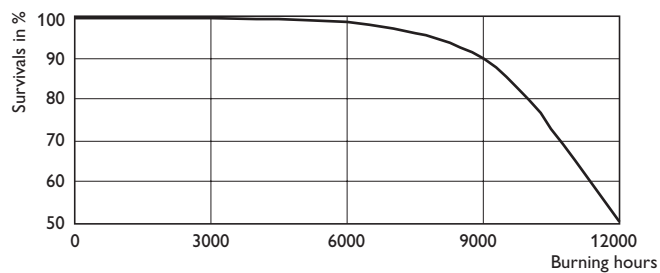


CDM-T 35W on electronic gear

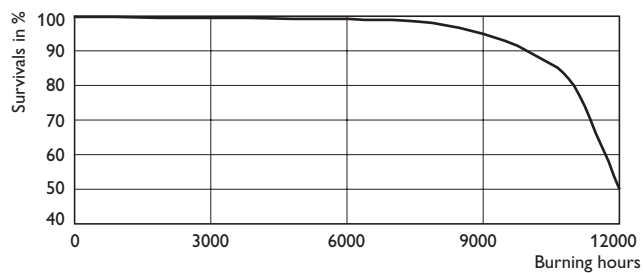


CDM-T 70W on electronic gear

Life expectancy diagram

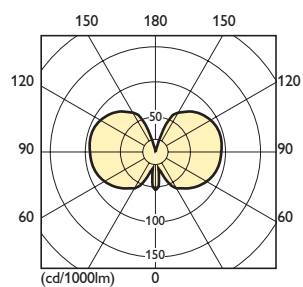


CDM-T 35W on electronic gear

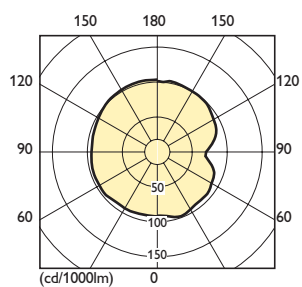


CDM-T 70W on electronic gear

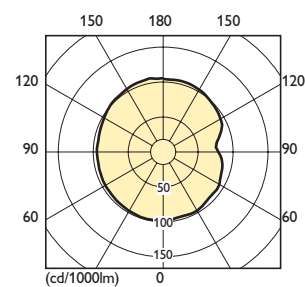
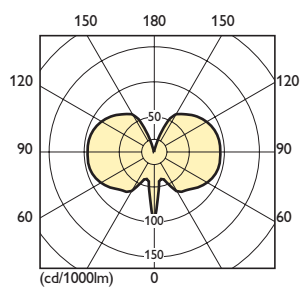
Photometric diagram



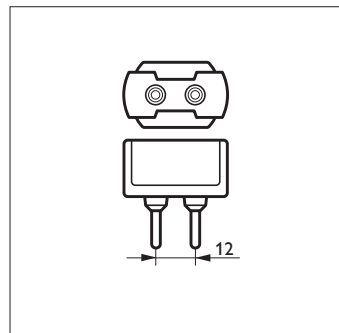
CDM-T 35W /930



CDM-T 70W /930

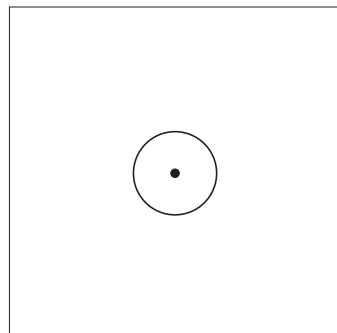


Cap Base

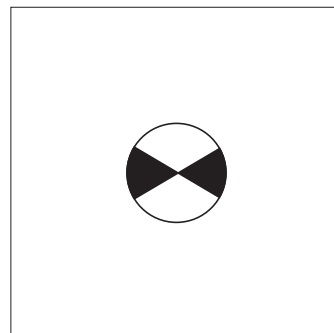


G12

Operating position



any



vbu/vbd60



CDM-TC 35W /930

Product Description

- Single-ended, compact size, high-efficiency Ceramic Metal Halide discharge lamp

Product Features

- Crisp white light
- Excellent colour rendering (Ra 90)
- Reliable lifetime performance
- Stable colour performance during lifetime
- Increased light output compared with regular MASTERColour lamps
- Improved maintenance compared with regular MASTERColour lamps
- Burning position for
 - CDM Elite-TC 35 W: vertical +/- 60 degrees
 - CDM Elite-TC 70 W: universal

Product Benefits

- Outstanding rendering of displayed merchandise due to high colour rendering (Ra 90) in combination with high lumen output; best offer in the market for 'enhancing merchandise'
- Excellent colour quality remains stable over lifetime
- Light output over lifetime maintains display brightness
- High efficacy and long lifetime for lowest operating costs and low heat generation
- Relatively low heat generation enhances comfort for shoppers and staff
- UV-Block for reduced fading risk of merchandise
- Allows design of very compact luminaires with high beam intensities

Application

- Accent and display lighting with a sparkling effect, excellent solution for Retail
- General and decorative lighting

Luminaires

- Must be used in closed luminaires with a proper cover (IEC 61167 and IEC 60958)

System

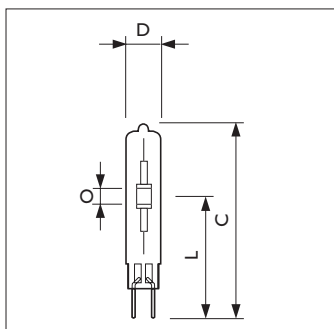
- Must be used with electronic gear such as Philips PrimaVision

Environment

- Good environmental choice because of high energy efficiency and long reliable life
- This product is a Philips Green product
- This product is RoHS compliant
- This product is covered by WEEE

Recommended gear page 2.98

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CDM-TC

Type	CMax	DMax	LMin	LNom	LMax	OMin	ONom	OMax
MASTERColour CDM-TC Elite 35W/930 G8.5 ICT	85	15	51	52	53	4	4.3	4.6
MASTERColour CDM-TC Elite 70W/930 G8.5 ICT	85	14.35	51	52	53	5.45	5.75	6.05

Technical data



Type	Lamp Current EL (A)	Lamp Wattage EL (W)	Lamp Voltage (V)	Rated Lamp Wattage	Dimmable	Ignition Peak Voltage (V)	Ignition Supply Voltage (V)	Ignition Time (sec)
MASTERColour CDM-TC Elite 35W/930 G8.5 ICT	-	39	85	35	No	5000	198	30
MASTERColour CDM-TC Elite 70W/930 G8.5 ICT	0.840	73	87	70	No	5000	198	30

Technical data

Type	Re-ignition Time (min)	Run-up time 90% (min)	Life to 50% failures (hrs)
MASTERColour CDM-TC Elite 35W/930 G8.5 ICT	15	3	12000
MASTERColour CDM-TC Elite 70W/930 G8.5 ICT	15	3	12000

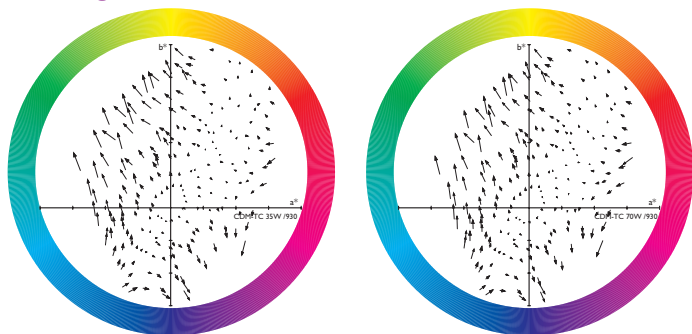
Light data

Type	Luminous Flux Lamp EL (lm)	Luminous Efficacy Lamp EL (lm/W)	Colour Designation	Colour Temperature (K)	Colour Rendering Index (Ra)	Chromaticity Coordinate X	Chromaticity Coordinate Y	Operating Position
MASTERColour CDM-TC Elite 35W/930 G8.5 ICT	3500	90	Warm White	3000	90	434	396	vbu/vbd60
MASTERColour CDM-TC Elite 70W/930 G8.5 ICT	7300	97	Warm White	3000	90	438	395	any

Ordering and packing data

Type	ILCOS	EAN code 1 piece	Weight	Qty bulk packing	Dimensions bulk packing	EAN code bulk packing	EOC 8711500
MASTERColour CDM-TC Elite 35W/930 G8.5 ICT	MT-35/30/1B-H-G8.5	8711500208170	0.01 kg	12	13.6 cm x 11.3 cm x 11.5 cm	8711500208187	208170 15
MASTERColour CDM-TC Elite 70W/930 G8.5 ICT	MT-70/30/1B-H-G8.5	8711500208194	0.01 kg	12	13.6 cm x 11.3 cm x 11.5 cm	8711500208200	208194 15

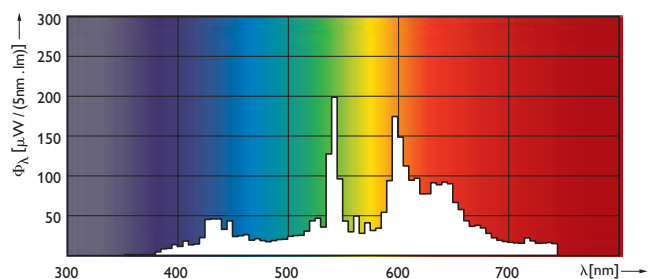
CRV diagram



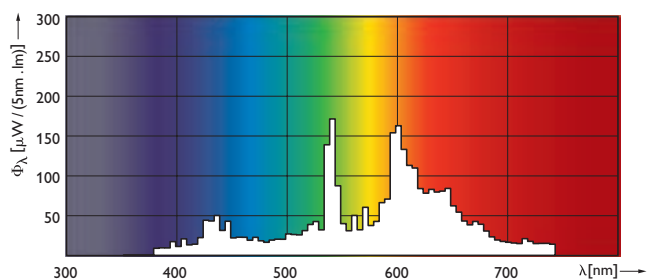
CDM-TC 35W /930

CDM-TC 70W /930

Spectral power distribution



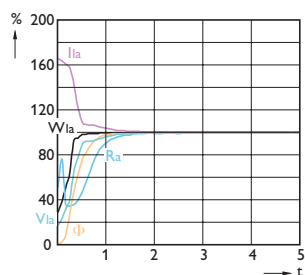
CDM-TC 35W /930



CDM-TC 70W /930

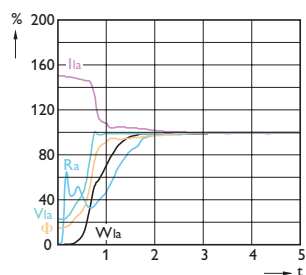
Performance diagram

Lamp performance during run up



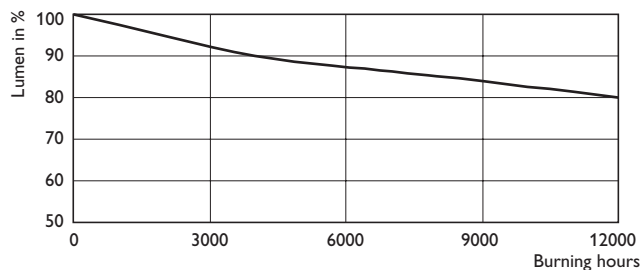
CDM-TC 35W /930

Lamp performance during run up

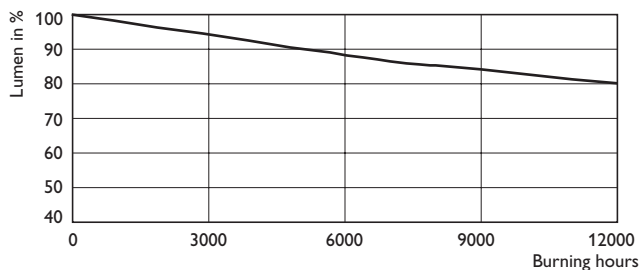


CDM-TC 70W /930

Lumen maintenance diagram

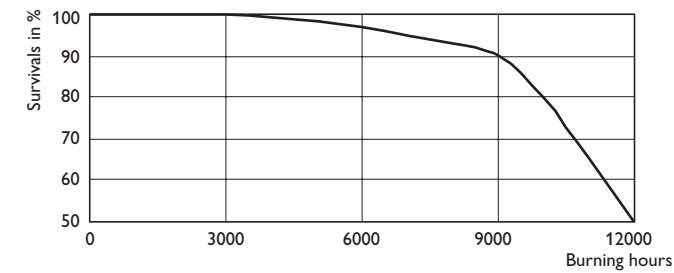


CDM-TC 35W/930 on electronic gear

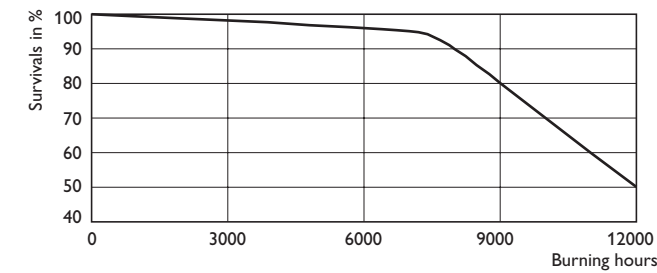


CDM-TC 70W/930 on electronic gear

Life expectancy diagram

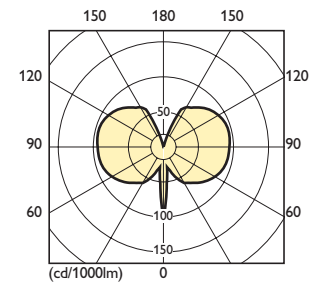


CDM-TC 35W/930 on electronic gear

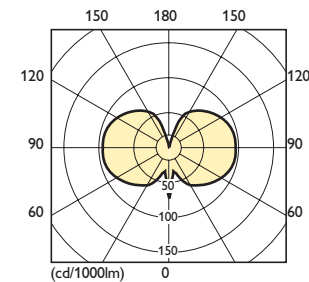
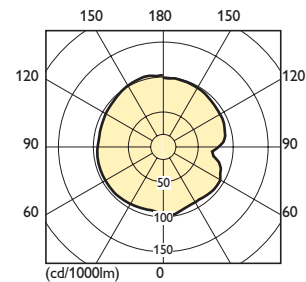


CDM-TC 70W/930 on electronic gear

Photometric diagram

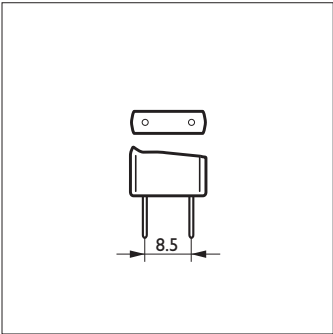


CDM-TC 35W /930



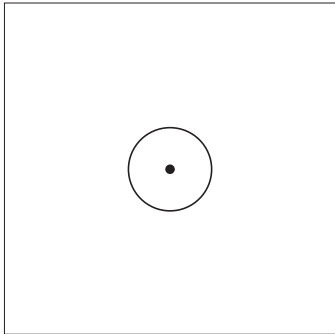
CDM-TC 70W /930

Cap Base

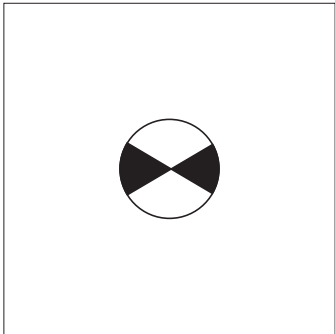


G8.5

Operating position



any



vbu/vbd60



MASTERColour CDM Elite MW

Product Description

The Philips MASTERColour CDM Elite MW system offers an unrivalled level of light quality and performance. The lamp's sparkling white light creates a more natural ambience and really brings out the best in all different types of colour. This performance remains stable over the long lifetime of the lamp. In addition, the high efficiency of the lamp and driver together means reduced energy use and a lower cost of ownership.

Product Features

- Crisp, white light with excellent colour rendering (Ra 90).
- Stable colour performance over entire long lifespan.
- New socket design makes lamp extremely compact and improves efficiency as well as light distribution.
- Electronic driver suitable for both indoor and outdoor applications
- Complements existing CDM lamps; range now extended from 20W to 315W

Product Benefits

- High efficiency of both lamp and driver means lower energy consumption and therefore reduced CO² emissions – without compromising on light quality.
- Longer lifespan equates to reduced maintenance and lower replacement costs.
- Excellent colour quality and consistent light output from beginning to end.
- Being 50% smaller than conventional HPI and HPL lamps gives freedom in optic and luminaire design.
- Greater harmony in lighting design as CDM lamps can now be used in many new applications.
- Sparkling properties of white light create a more natural and inviting ambience.

Application

- Outdoor; floodlighting of buildings and other interesting structures. Illumination of roads and pedestrian areas, public spaces, car parks, petrol stations etc.
- Indoor; larger (high-bay) retail outlets, warehouses, manufacturing facilities etc.

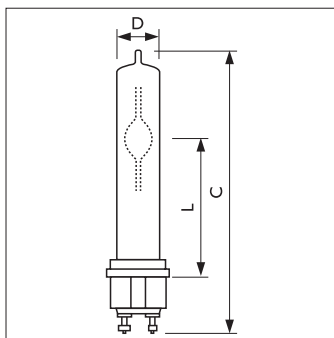
Luminaires

- Must be used with closed luminaires with a proper cover (IEC 61167 and IEC 60958)

Environment

- Excellent environmental choice because of high energy efficiency and long reliable life.
- This product is a Philips Green product
- This product is RoHS compliant
- This product is covered by WEEE

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MASTER Colour CDM Elite MW

Type	Cmax	Dmax	Lnom
CDM Elite MW	188	28.5	90

Technical data

Type	Lamp Wattage (W)	Luminous Flux Lamp (lm)	Luminous Efficacy Lamp (lm/W)	Colour Temperature (K)	Colour Rendering Index (Ra)	Operating Position	Service Lifetime at 10% Failures (h)*	Average Lifetime at 10% Failures (h)*	Lumen Maintenance at 12Khrs (%)
CDM Elite MW 210W/930	210	24100	115	3000	90	Universal	12000	20000	80
CDM Elite MW 315W/930	315	37800	120	3000	90	Universal	12000	20000	80
CDM Elite MW 210W/942	210	23100	110	4200	90	Universal	12000	20000	80
CDM Elite MW 315W/942	315	36200	115	4200	90	Universal	12000	20000	80

* 12000 and 20000 hours are design lifetimes. At launch this will be respectively 8000 and 12000 hours.
The 930 versions will be available in March 2009, the 942 versions in September 2009.

Driver Range	Power Losses (%)	Power Factor (%)	Class	Tc Life (C)*	Ta Life (C)*	Lifetime at max. 5% failure rate (at Tc Life) (h)	Harmonic Distortion (%)	Dimensions (LxWxH) in mm	# Drivers /MCB	Luminaire Moisture
Philips HID PrimaVision 210W	<17	>95	II	80	45	60000	<12	169x97x65	6	>IP21
Philips HID PrimaVision 315W	<19	>95	II	80	45	50000	<12	217x126x59	8	>IP21

* Actual (target).



CDM-Tm PGJ5

Product Description

- Miniature, single-ended ceramic metal halide lamp
- PGJ5 twist-lock lamp base

Product Features

- Crisp, sparkling light for a comfortable atmosphere
- Low heat generation
- Crisp white light
- Superior colour quality
- Miniature size allows design of very compact luminaires with high beam intensities for mounting close to illuminated object
- Easy replacement due to robust twist-lock socket
- Universal burning position

Product Benefits

- Stable colour impression over lifetime
- High efficacy for low operating costs and low heat generation
- Long life compared with halogen lamps
- Relatively low heat output enhances comfort for shoppers and staff
- Mechanical retrofit in halogen capsule (GY6.35) luminaires (same light centre length). For full retrofit, also gear and lampholder need to be exchanged
- UV-Block for reduced fading risk of merchandise

Application

- Accent and display lighting with a sparkling effect
- Decorative outdoor floodlighting

Luminaires

- Must be used in closed luminaires with a hard glass cover

System

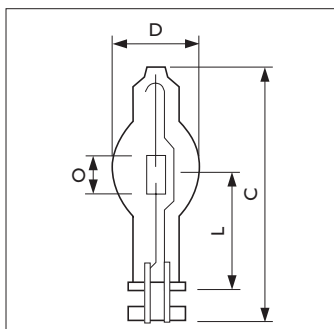
- Must be used in combination with Philips electronic gear

Environment

- Excellent environmental choice because of high energy efficiency and long reliable life
- This product is a Philips Green product
- This product is RoHS compliant
- This product is covered by WEEE

Recommended lamp page 2.98

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CDM-Tm PGJ5 -

Technical data

Type	Lamp Current EL (A)	Lamp Wattage EL (W)	Lamp Voltage (V)	Rated Lamp Wattage	Dimmable	Ignition Time (sec)	Re-ignition Time (min)	Run-up time 90% (min)	Life to 50% failures (hrs)
MASTERColour CDM-Tm Mini 20W/830 PGJ5	0.220	22	100	20	No	30	15	3	12000
MASTERColour CDM-Tm Mini 35W/930 PGJ5	0.4	39	96	35	No	30	15	3	12000

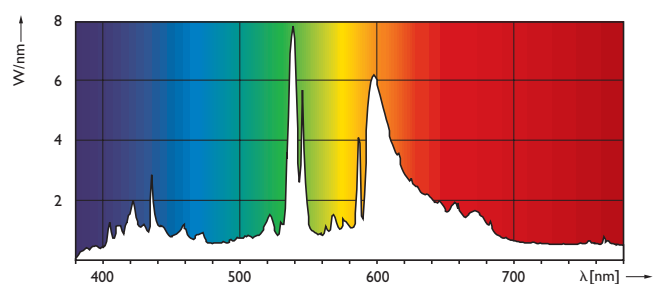
Light data

Type	Luminous Flux Lamp EL (lm)	Luminous Efficacy Lamp EL (lm/W)	Colour Designation	Colour Temperature (K)	Colour Rendering Index (Ra)	Chromaticity Coordinate X	Chromaticity Coordinate Y	Operating Position
MASTERColour CDM-Tm Mini 20W/830 PGJ5	1650	75	Warm White	3000	85	429	395	any
MASTERColour CDM-Tm Mini 35W/930 PGJ5	3000	77	Warm White	3000	90	432	394	any

Ordering and packing data

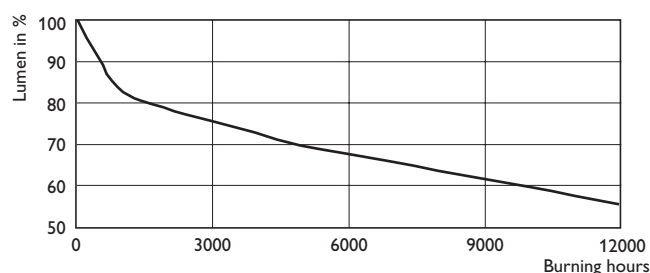
Type	ILCOS	EAN code 1 piece	Weight	Qty bulk packing	Dimensions bulk packing	EAN code bulk packing	EOC 8711500
MASTERColour CDM-Tm Mini 20W/830 PGJ5 ICT	MC-20/30/1B-H-PGJ5	8711500207517	0.006 kg	12	9.7 cm x 7.3 cm x 7.9 cm	8711500207524	207517 15
MASTERColour CDM-Tm Mini 20W/830 PGJ5 KIT	MC-20/30/1B-H-PGJ5	8711500207661	0.013 kg	12	18.8 cm x 10.8 cm x 12.3 cm	8711500207579	207661 15
MASTERColour CDM-Tm Mini 35W/930 PGJ5 ICT	MC-35/30/1A-H-PGJ5	8711500211491	0.006 kg	12	9.7 cm x 7.3 cm x 7.9 cm	8711500211507	211491 15
MASTERColour CDM-Tm Mini 35W/930 PGJ5 KIT	MC-35/1A/30-H-PGJ5	8711500212924	0.013 kg	12	18.8 cm x 10.8 cm x 12.3 cm	8711500212931	212924 15

Spectral power distribution



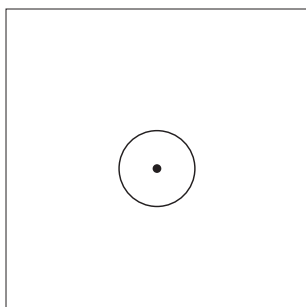
CDM-Tm /830/930

Lumen maintenance diagram



CDM-Tm on electronic gear

Operating position



any



CDM-T 70W /830/842/942 G12

Product Description

- Range of single-ended, compact, high-efficiency, discharge lamps with a stable colour over lifetime and a crisp, sparkling light

Product Features

- Crisp white light
- Superior colour quality
- Allows small-size luminaires designs that give high beam intensities

Product Benefits

- Stable colour impression over lifetime
- High lamp efficacy results in low operating costs and low heat generation
- Long lamp life compared with incandescent and halogen lamps
- Relatively low heat output enhances comfort for shoppers and staff
- All types are UV-Block for reduced fading risks

Application

- Shops and shop windows, offices and public buildings
- Decorative outdoor: floodlighting and pedestrian areas

Luminaires

- Must be used in closed luminaires with a hard-glass cover

System

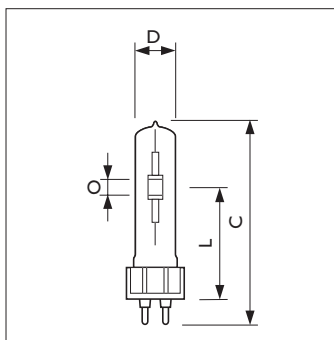
- Must be used in combination with a gear and an ignitor
- A high-current protection device (thermo-switch) in the gear is mandatory (IEC 1167)
- If there is a constant voltage deviation of more than 3% of the rated voltage, a different gear rating / tap must be used
- Electronic gear can be used, and increases lamp-life, improves system efficacy, and eliminates visible flicker
- The CDM-T 35W/942 must be used with electronic gear

Environment

- Good environmental choice because of high energy efficiency and long reliable life
- This product is RoHS compliant
- This product is covered by WEEE

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CDM-T

Type	CMax	DMax	LMin	LNom	LMax	OMin	ONom	OMax
MASTERColour CDM-T 35W/830 G12 ICT	103	20	55	56	57	4.69	4.9	5.11
MASTERColour CDM-T 35W/942 G12 ICT	103	20	55	56	57	-	5	-
MASTERColour CDM-T 70W/830 G12 ICT	103	20	55	56	57	6.67	7	7.33
MASTERColour CDM-T 70W/942 G12 ICT	103	20	55	56	57	5.52	5.85	6.18
MASTERColour CDM-T 150W/830 G12 ICT	110	20	55	56	57	8.67	9	9.33
MASTERColour CDM-T 150W/942 G12 ICT	110	20	55	56	57	7.67	8	8.33
MASTERColour CDM-T 250W/830/942 G12 ICT	135	25	72	73	74	-	11	-

Technical data



Type	Lamp Current	Lamp Wattage	Lamp Voltage	Rated Lamp Wattage	Dimmable	Ignition Peak Voltage	Ignition Supply Voltage	Ignition Time
	(A)	(W)	(V)			(V)	(V)	(sec)
MASTERColour CDM-T 35W/830 G12 ICT	0.53	38.0	88	35	No	5000	198	30
MASTERColour CDM-T 35W/942 G12 ICT	-	-	85	35	No	5000	198	30
MASTERColour CDM-T 70W/830 G12 ICT	0.98	71.0	88	70	No	5000	198	30
MASTERColour CDM-T 70W/942 G12 ICT	0.98	72.0	88	70	No	5000	198	30
MASTERColour CDM-T 150W/830 G12 ICT	1.8	147.0	96	150	No	5000	198	30
MASTERColour CDM-T 150W/942 G12 ICT	1.9	145.0	90	150	No	5000	198	30
MASTERColour CDM-T 250W/830 G12 ICT	3	245	93	250	No	5000	198	30
MASTERColour CDM-T 250W/942 G12 ICT	3	247	94	250	No	5000	198	30

Technical data

Type	Re-ignition Time	Run-up time	Life to 50% failures
	(min)	90% (min)	(hrs)
MASTERColour CDM-T 35W/830 G12 ICT	15	3	12000
MASTERColour CDM-T 35W/942 G12 ICT	15	3	12000
MASTERColour CDM-T 70W/830 G12 ICT	15	3	12000
MASTERColour CDM-T 70W/942 G12 ICT	15	3	12000
MASTERColour CDM-T 150W/830 G12 ICT	15	3	12000
MASTERColour CDM-T 150W/942 G12 ICT	15	3	12000
MASTERColour CDM-T 250W/830 G12 ICT	15	3	11000
MASTERColour CDM-T 250W/942 G12 ICT	15	3	6000

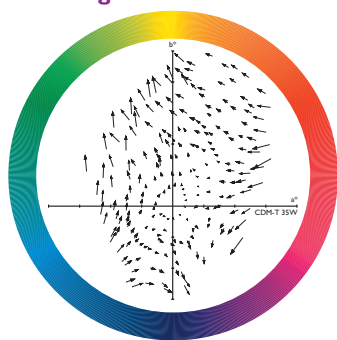
Light data

Type	Luminous Flux Lamp (lm)	Luminous Efficacy Lamp (lm/W)	Colour Designation	Colour Temperature (K)	Colour Rendering Index (Ra)	Chromaticity Coordinate X	Chromaticity Coordinate Y	Operating Position
MASTERColour CDM-T 35W/830 G12 ICT	3300	87	Warm White	3000	81	428	397	any
MASTERColour CDM-T 35W/942 G12 ICT	-	-	Cool White	4200	90	365	364	any
MASTERColour CDM-T 70W/830 G12 ICT	6600	93	Warm White	3000	84	428	394	any
MASTERColour CDM-T 70W/942 G12 ICT	6600	92	Cool White	4200	92	372	369	any
MASTERColour CDM-T 150W/830 G12 ICT	14000	95	Warm White	3000	85	436	396	any
MASTERColour CDM-T 150W/942 G12 ICT	12700	88	Cool White	4200	96	375	363	any
MASTERColour CDM-T 250W/830 G12 ICT	23000	94	Warm White	3000	89	427	384	any
MASTERColour CDM-T 250W/942 G12 ICT	23300	94	Cool White	4200	94	372	367	any

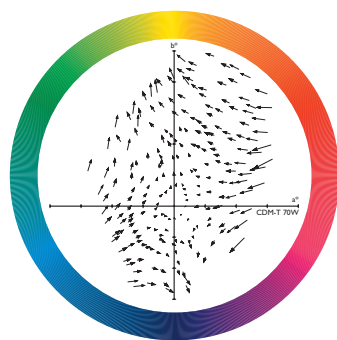
Ordering and packing data

Type	ILCOS	EAN code 1 piece	Weight	Qty bulk packing	Dimensions bulk packing	EAN code bulk packing	EOC 8711500
MASTERColour CDM-T 35W/830 G12 ICT	MT-35/30/1B-H-G12	8711500196972	0.027 kg	12	14.9 cm x 13.1 cm x 13.6 cm	8711500196989	196972 15
MASTERColour CDM-T 35W/830 G12 ICT	MT-35/30/1B-H-G12	8711500202178	0.027 kg	12	14.9 cm x 13.1 cm x 13.6 cm	8711500202185	202178 15
MASTERColour CDM-T 35W/942 G12 ICT	MT-35/42/1A-H-G12	8711500211262	0.028 kg	12	14.9 cm x 13.1 cm x 13.6 cm	8711500211279	211262 15
MASTERColour CDM-T 70W/830 G12 ICT	MT-70/30/1B-H-G12	8711500202192	0.029 kg	12	14.9 cm x 13.1 cm x 13.6 cm	8711500202208	202192 15
MASTERColour CDM-T 70W/830 G12 ICT	MT-70/30/1B-H-G12	8711500196996	0.029 kg	12	14.9 cm x 13.1 cm x 13.6 cm	8711500197009	196996 15
MASTERColour CDM-T 70W/942 G12 ICT	MT-70/42/1A-H-G12	8711500199270	0.029 kg	12	14.9 cm x 13.1 cm x 13.6 cm	8711500199287	199270 15
MASTERColour CDM-T 70W/942 G12 ICT	MT-70/42/1A-H-G12	8711500206596	0.029 kg	12	14.9 cm x 13.1 cm x 13.6 cm	8711500206602	206596 15
MASTERColour CDM-T 150W/830 G12 ICT	MT-150/30/1B-H-G12	8711500202215	0.033 kg	12	17.5 cm x 15.6 cm x 15.9 cm	8711500202222	202215 15
MASTERColour CDM-T 150W/830 G12 ICT	MT-150/30/1B-H-G12	8711500197801	0.033 kg	12	17.5 cm x 15.6 cm x 15.9 cm	8711500197818	197801 15
MASTERColour CDM-T 150W/942 G12 ICT	MT-150/42/1A-H-G12	8711500200051	0.033 kg	12	17.5 cm x 15.6 cm x 15.9 cm	8711500200068	200051 15
MASTERColour CDM-T 150W/942 G12 ICT	MT-150/42/1A-H-G12	8711500206619	0.033 kg	12	17.5 cm x 15.6 cm x 15.9 cm	8711500206626	206619 15
MASTERColour CDM-T 250W/830 G12 ICT	MT-250/30/1B-H-G12	8711500208019	0.039 kg	12	17.7 cm x 15.7 cm x 16.3 cm	8711500208026	208019 15
MASTERColour CDM-T 250W/942 G12 ICT	MT-250/42/1A-H-G12	8711500211125	0.039 kg	12	17.7 cm x 15.7 cm x 16.3 cm	8711500211132	211125 15

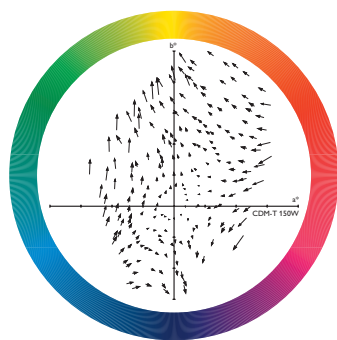
CRV diagram



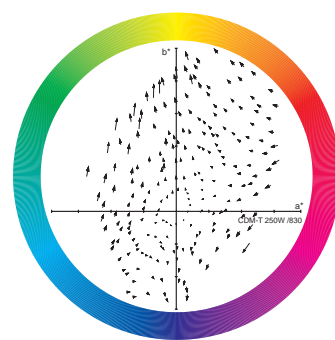
CDM-T 35W /830



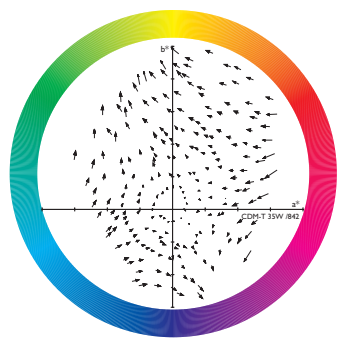
CDM-T 70W /830



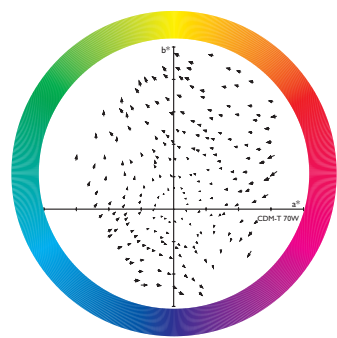
CDM-T 150W /830



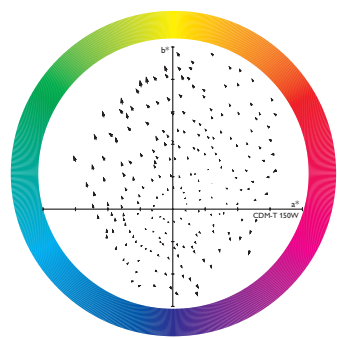
CDM-T 250W /830



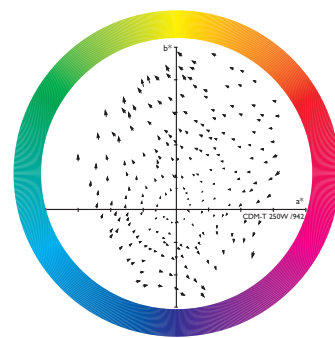
CDM-T 35W /942



CDM-T 70W /942

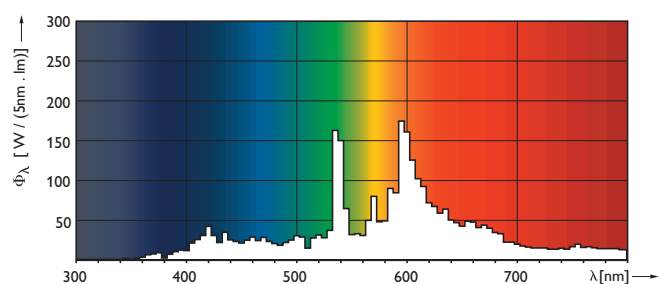


CDM-T 150W /942

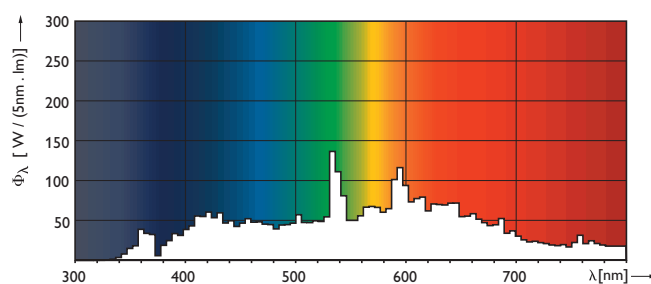


CDM-T 250W /942

Spectral power distribution

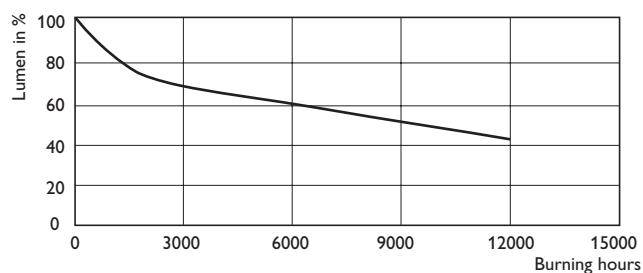


CDM-T /830

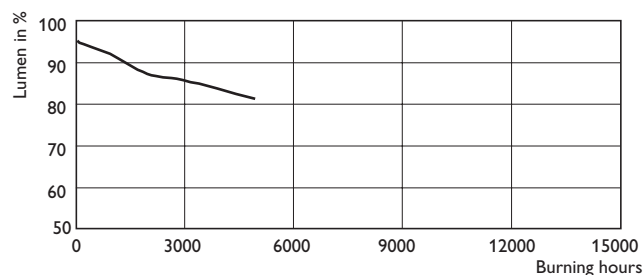


CDM-T /942

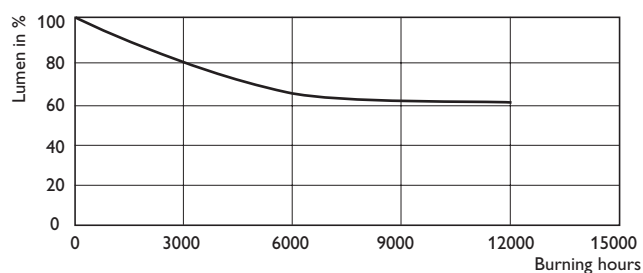
Lumen maintenance diagram



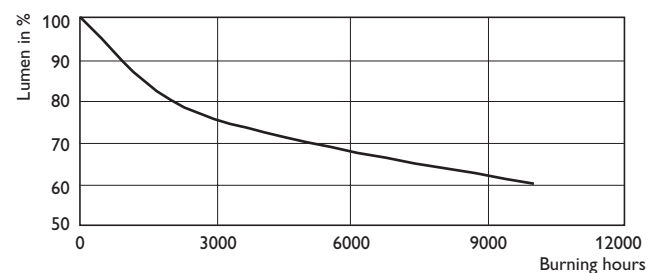
CDM-T 35W /830



CDM-T 35W /942

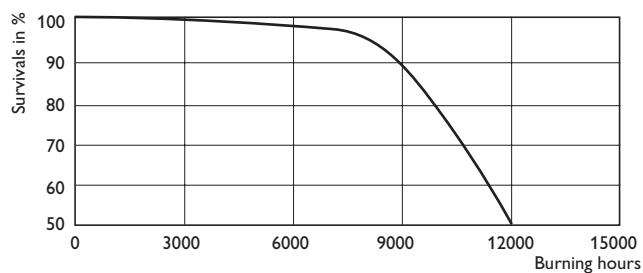


CDM-T 70W/150W /830/942

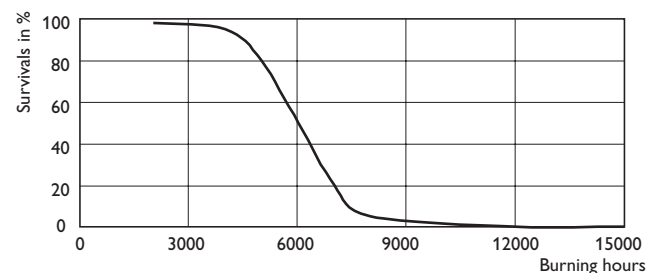


CDM-T 250W /830/942

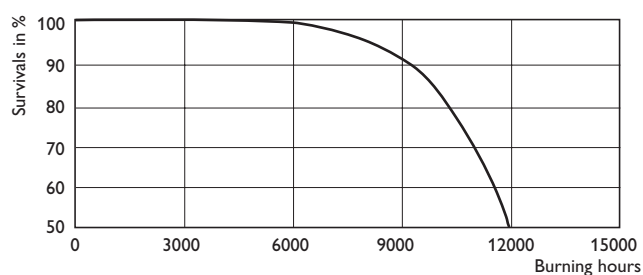
Life expectancy diagram



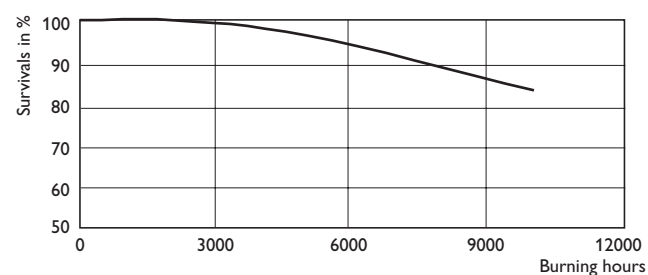
CDM-T 35W /830



CDM-T 35W /942

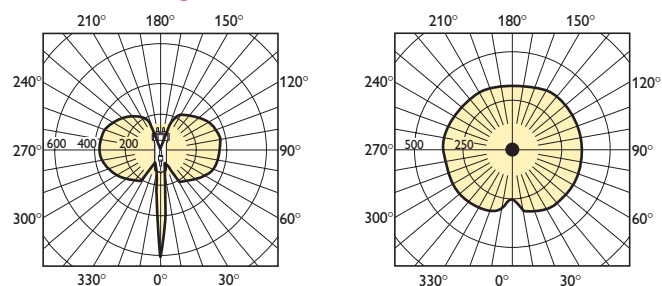


CDM-T 70W/150W /830/942

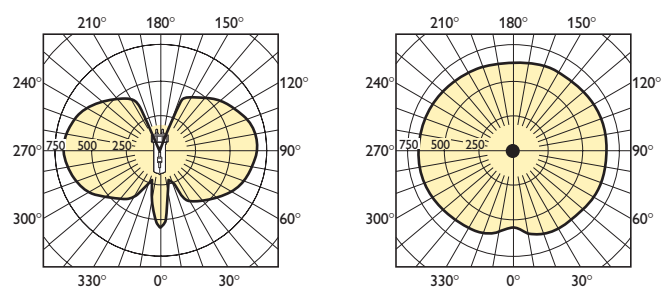


CDM-T 250W /830/942

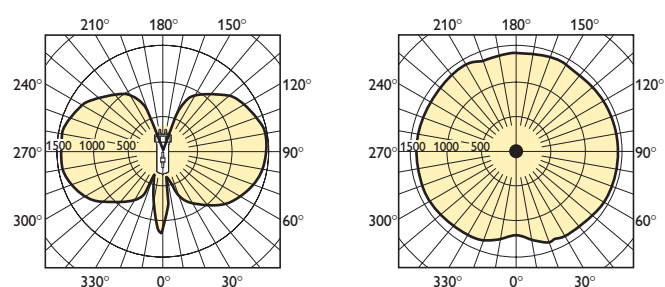
Photometric diagram



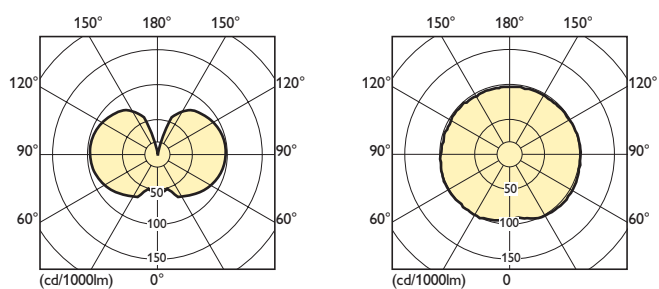
CDM-T 35W /830



CDM-T 70W /830/942



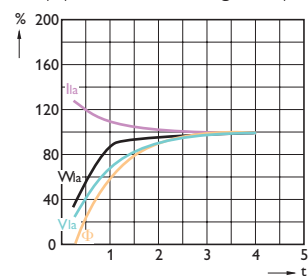
CDM-T 150W



CDM-T 250W /830/942

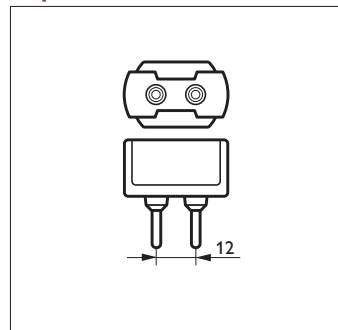
Performance diagram

Lamp performance during run up



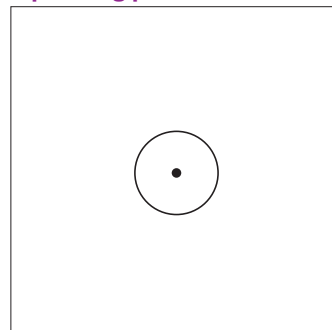
CDM-T /830/842/942

Cap Base



G12

Operating position

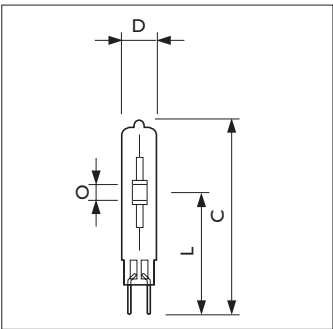


any





CDM-TC 70W /830/842/942



CDM-TC

Product Description

- Range of single-ended, very compact, high-efficiency, discharge lamps with a stable colour over lifetime and a crisp, sparkling light

Product Features

- Crisp white light
- Superior colour quality
- Allows very small-size luminaires designs that give high beam intensities

Product Benefits

- Long lamp life compared with incandescent and halogen lamps
- UV-Block quartz outer bulb for reduced fading risks
- Stable colour impression over lifetime
- High lamp efficacy results in low operating costs and low heat generation (which enhances comfort for shoppers and staff)

Application

- Accent lighting display lighting with sparkling effect
- General and decorative lighting

Luminaires

- Must be used in closed luminaires with a hard-glass cover

System

- CDM-TC lamps must be used with electronic gear. Only CDM-TC 35/830 can also be used in combination with electromagnetic gear
- A high-current protection device (thermo-switch) in the gear is mandatory (IEC 1167)

Environment

- Good environmental choice because of high energy efficiency and long reliable life
- This product is RoHS compliant
- This product is covered by WEEE

Recommended gear page 2.98

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Type	CMax	DMax	LMin	LNom	LMax	OMin	ONom	OMax
MASTERColour CDM-TC 35W/830/942 G8.5 ICT	85	15	51	52	53	4.69	4.9	5.11
MASTERColour CDM-TC 70W/830 G8.5 ICT	85	15	51	52	53	6.67	7	7.33
MASTERColour CDM-TC 70W/942 G8.5 ICT	85	-	51	52	53	5.05	5.3	-

Technical data



Type	Lamp Current EL (A)	Lamp Wattage EL (W)	Lamp Voltage (V)	Rated Lamp Wattage	Dimmable	Ignition Peak Voltage (V)	Ignition Supply Voltage (V)	Ignition Time (sec)
MASTERColour CDM-TC 35W/830 G8.5 ICT	-	-	88	35	No	5000	198	30
MASTERColour CDM-TC 35W/942 G8.5 ICT	0.46	38	85	35	No	-	198	30
MASTERColour CDM-TC 70W/830 G8.5 ICT	0.87	73	83	70	No	5000	198	30
MASTERColour CDM-TC 70W/942 G8.5 ICT	0.830	73	88	70	No	-	-	30

Technical data

Type	Re-ignition Time (min)	Run-up time 90% (min)	Life to 50% failures (hrs)
MASTERColour CDM-TC 35W/830 G8.5 ICT	15	3	9000
MASTERColour CDM-TC 35W/942 G8.5 ICT	15	3	10000
MASTERColour CDM-TC 70W/830 G8.5 ICT	15	3	10000
MASTERColour CDM-TC 70W/942 G8.5 ICT	15	3	10000

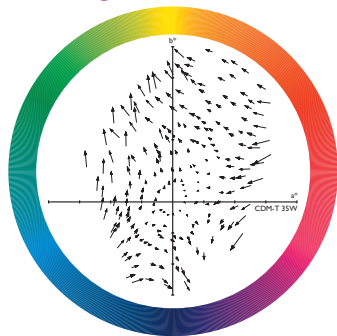
Light data

Type	Luminous Flux Lamp EL (lm)	Luminous Efficacy Lamp EL (lm/W)	Colour Designation	Colour Temperature (K)	Colour Rendering Index (Ra)	Chromaticity Coordinate X	Chromaticity Coordinate Y	Operating Position
MASTERColour CDM-TC 35W/830 G8.5 ICT	-	-	Warm White	3000	81	432	394	any
MASTERColour CDM-TC 35W/942 G8.5 ICT	3300	79	Cool White	4200	90	370	365	any
MASTERColour CDM-TC 70W/830 G8.5 ICT	6500	89	Warm White	3000	83	439	398	any
MASTERColour CDM-TC 70W/942 G8.5 ICT	5900	80	Cool White	4400	90	364	360	any

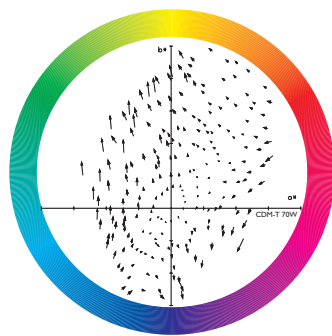
Ordering and packing data

Type	ILCOS	EAN code 1 piece	Weight	Qty bulk packing	Dimensions bulk packing	EAN code bulk packing	EOC 8711500
MASTERColour CDM-TC 35W/830 G8.5 ICT	MT-35/30/1A-H-G8.5	8711500200006	0.01 kg	12	13.6 cm x 11.3 cm x 11.5 cm	8711500200013	200006 15
MASTERColour CDM-TC 35W/830 G8.5 UVbi-Q OEM	MT-35/30/1A-H-G8.5	8711500202277	0.01 kg	12	13.6 cm x 11.3 cm x 11.5 cm	8711500202284	202277 15
MASTERColour CDM-TC 35W/942 G8.5 ICT	MT-35/42/1B-H-G8.5	8711500209573	0.01 kg	12	13.6 cm x 11.3 cm x 11.5 cm	8711500209580	209573 15
MASTERColour CDM-TC 70W/830 G8.5 ICT	MT-70/30/1B-H-G8.5	8711500201676	0.01 kg	12	13.6 cm x 11.3 cm x 11.5 cm	8711500201683	201676 15
MASTERColour CDM-TC 70W/830 G8.5 UVbi-Q OEM	MT-70/30/1B-H-G8.5	8711500206534	0.01 kg	12	13.6 cm x 11.3 cm x 11.5 cm	8711500206541	206534 15
MASTERColour CDM-TC 70W/942 G8.5 ICT	MT-70/42/1B-H-G8.5	8711500212757	0.01 kg	12	13.6 cm x 11.3 cm x 11.5 cm	8711500212764	212757 15
MASTERColour CDM-TC 70W/942 G8.5 UVbi-Q OEM	MT-70/42/1B-H-G8.5	8711500213303	0.01 kg	12	13.6 cm x 11.3 cm x 11.5 cm	8711500213310	213303 15

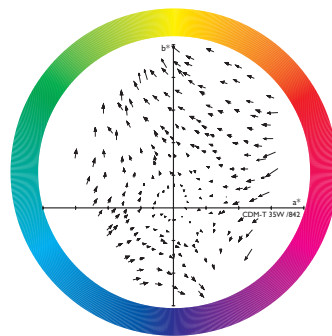
CRV diagram



CDM-TC 35W /830

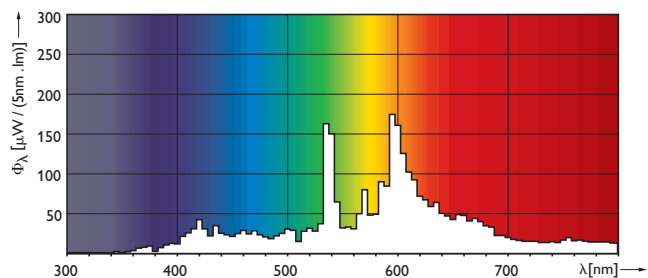


CDM-TC 70W /830

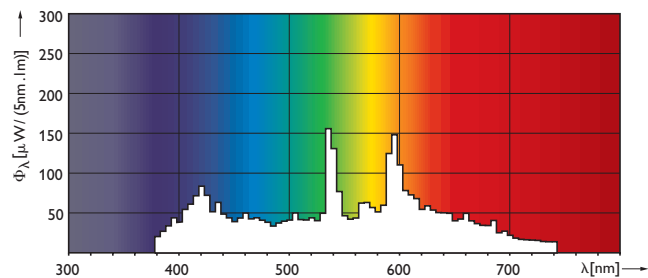


CDM-TC 35W /942

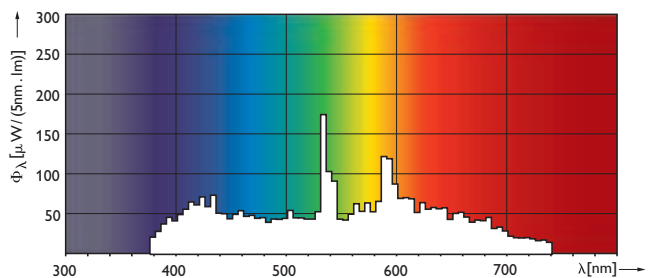
Spectral power distribution



CDM-TC /830



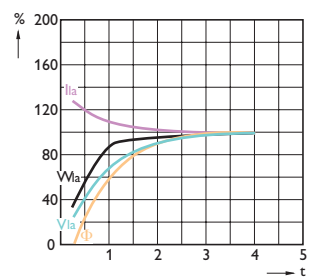
CDM-TC 35W /942



CDM-TC 70W /942

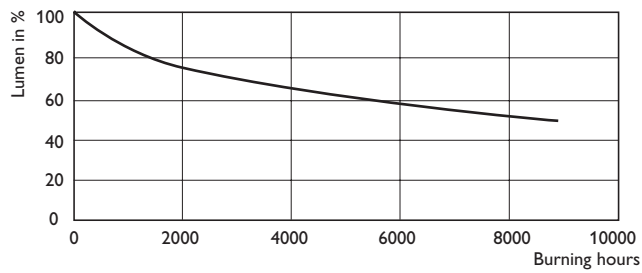
Performance diagram

Lamp performance during run up

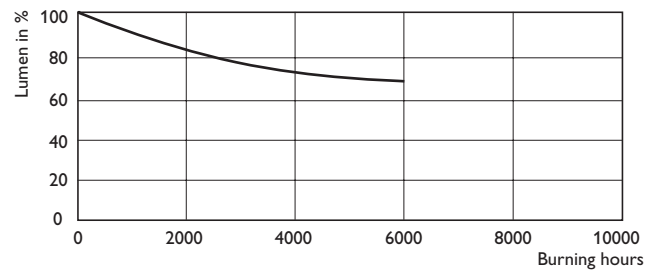


CDM-TC /830/842/942

Lumen maintenance diagram

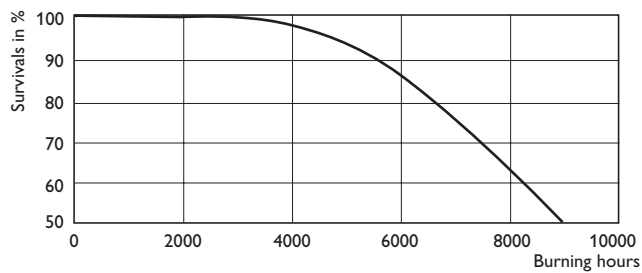


CDM-TC 35W /830

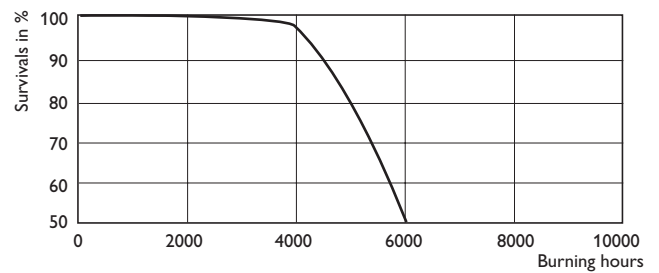


CDM-TC 70W/830 on electronic gear

Life expectancy diagram

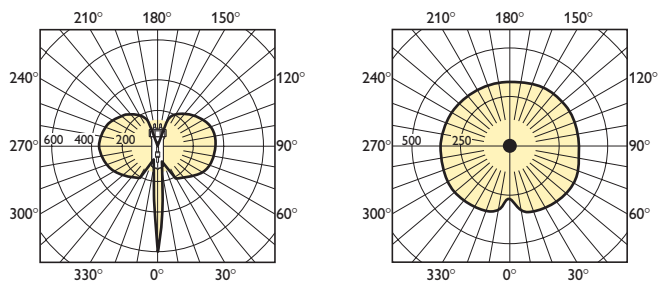


CDM-TC 35W /830



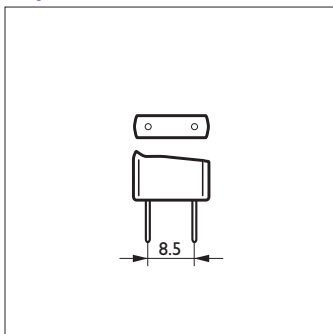
CDM-TC 70W/830 on electronic gear

Photometric diagram



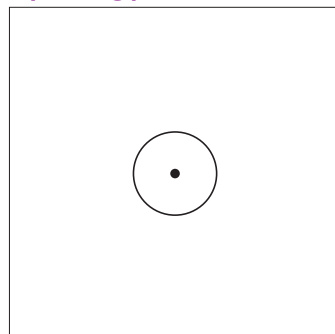
CDM-TC 35W/70W /830

Cap Base



G8.5

Operating position



any



CDM-TP PGX12-2

Product Description

- Range of protected, high-efficiency, discharge lamps with a stable colour over lifetime and a crisp, sparkling light to be used in open luminaires

Product Features

- Crisp white light
- Superior colour quality
- Lamp design is well-suited to be used in luminaires for power-spots (high intensity) and high-bay general lighting
- Double UV-Block quartz sleeves and a hard-glass outer bulb

Product Benefits

- High lamp efficacy results in low operating costs and low heat generation
- Stable colour impression over lifetime
- Long lamp life compared with incandescent and halogen lamps
- Relatively low heat output enhances comfort for shoppers and staff
- All types have UV-Block filtering for reduced fading risks

Application

- Shops and shop windows, offices and public buildings
- Decorative outdoor: floodlighting and pedestrian areas

Luminaires

- Suitable for use in open luminaires

System

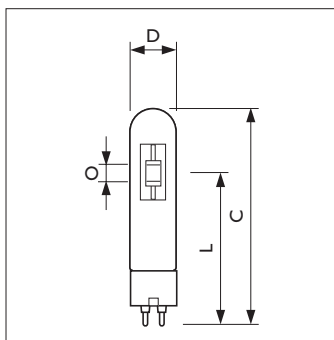
- Must be used in combination with a gear and ignitor or electrical gear
- A high-current protection device (thermo-switch) in the gear is mandatory (IEC 1167)
- If there is a constant voltage deviation of more than 3% of the rated voltage, a different gear rating / tap must be used
- Electronic gear can be used to increase lamp-life, improve system efficacy, and offer flicker-free operation

Environment

- Good environmental choice because of high energy efficiency and long reliable life
- This product is RoHS compliant
- This product is covered by WEEE

Recommended gear page 2.98

www.philips.com/OEM



CDM-TP

Type	CMax	DMax	LMin	LNom	LMax	OMin	ONom	OMax
MASTERColour CDM-TP 70W/830 PG12-2 ICT	149	32.00	89	91	93	6.67	7	7.33
MASTERColour CDM-TP 70W/942 PG12-2 ICT	149	32.00	89	91	93	5.52	5.85	6.18
MASTERColour CDM-TP 150W/830 PGX12-2 ICT	149	32.00	89	91	93	8.67	9	9.33
MASTERColour CDM-TP 150W/942 PGX12-2 ICT	149	32.00	89	91	93	7.67	8	8.33

Technical data



Type	Lamp Current (A)	Lamp Wattage (W)	Lamp Voltage (V)	Rated Lamp Wattage	Dimmable	Ignition Peak Voltage (V)	Ignition Supply Voltage (V)	Ignition Time (sec)
MASTERColour CDM-TP 70W/830 PG12-2 ICT	0.98	73.0	90	70	No	5000	198	30
MASTERColour CDM-TP 70W/942 PG12-2 ICT	0.98	74.0	90	70	No	5000	198	30
MASTERColour CDM-TP 150W/830 PGX12-2 ICT	1.8	149.0	98	150	No	5000	198	30
MASTERColour CDM-TP 150W/942 PGX12-2 ICT	1.8	148.0	96	150	No	5000	198	30

Technical data

Type	Re-ignition Time (min)	Run-up time 90% (min)	Life to 50% failures (hrs)
MASTERColour CDM-TP 70W/830 PG12-2 ICT	15	3	16000
MASTERColour CDM-TP 70W/942 PG12-2 ICT	15	4	16000
MASTERColour CDM-TP 150W/830 PGX12-2 ICT	15	3	16000
MASTERColour CDM-TP 150W/942 PGX12-2 ICT	15	4	16000

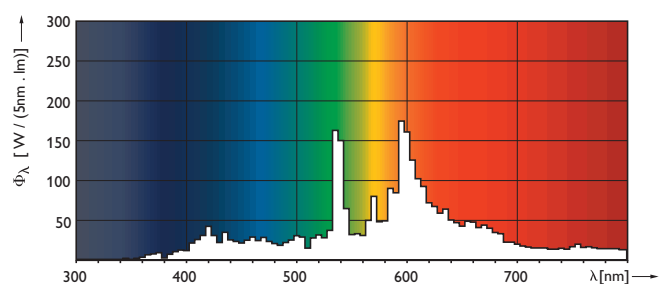
Light data

Type	Luminous Flux Lamp (lm)	Luminous Efficacy Lamp (lm/W)	Colour Designation	Colour Temperature (K)	Colour Rendering Index (Ra)	Chromaticity Coordinate X	Chromaticity Coordinate Y	Operating Position
MASTERColour CDM-TP 70W/830 PG12-2 ICT	5800	82	Warm White	3200	81	425	400	any
MASTERColour CDM-TP 70W/942 PG12-2 ICT	5800	78	Cool White	4200	90	370	370	any
MASTERColour CDM-TP 150W/830 PGX12-2 ICT	13000	87	Warm White	2950	85	438	402	any
MASTERColour CDM-TP 150W/942 PGX12-2 ICT	12000	81	Cool White	4200	95	371	370	any

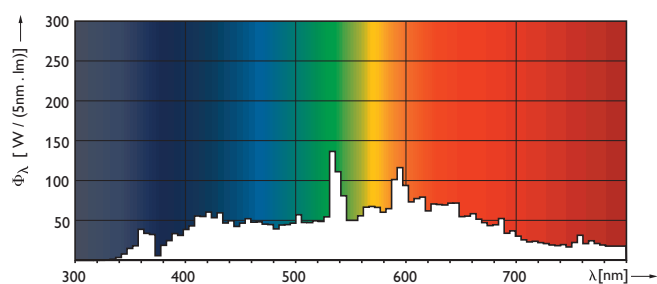
Ordering and packing data

Type	ILCOS	EAN code 1 piece	Weight	Qty bulk packing	Dimensions bulk packing	EAN code bulk packing	EOC 8711500
MASTERColour CDM-TP 70W/830 PG12-2 ICT	MT-70/30/1B-H-PG12-2	8711500201270	0.073 kg	12	25.9 cm x 21.2 cm x 24.7 cm	8711500201287	201270 15
MASTERColour CDM-TP 70W/942 PG12-2 ICT	MD-70/42/1A-H-PG12-2	8711500201133	0.073 kg	12	25.9 cm x 21.2 cm x 24.7 cm	8711500201140	201133 15
MASTERColour CDM-TP 150W/830 PGX12-2 ICT	MT-150/30/1B-H-PG12-2	8711500201256	0.077 kg	12	25.9 cm x 21.2 cm x 24.7 cm	8711500201263	201256 15
MASTERColour CDM-TP 150W/942 PGX12-2 ICT	MD-150/42/1A-H-PGX12-2	8711500201119	0.077 kg	12	25.9 cm x 21.2 cm x 24.7 cm	8711500201126	201119 15

Spectral power distribution



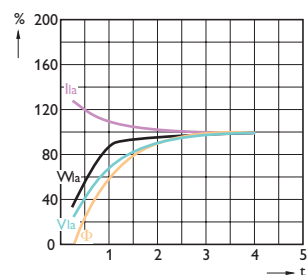
CDM-TP /830



CDM-TP /942

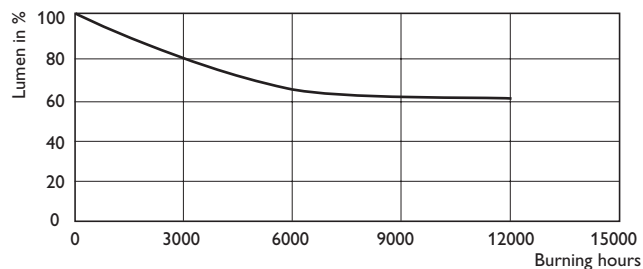
Performance diagram

Lamp performance during run up



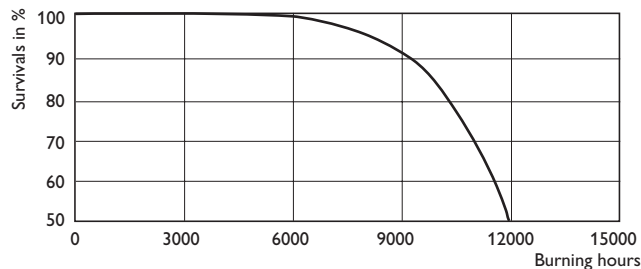
CDM-TP

Lumen maintenance diagram



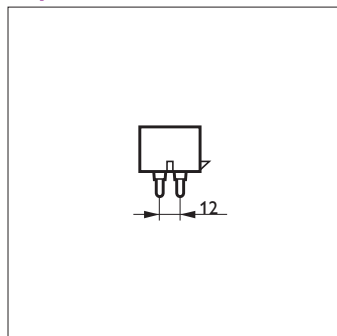
CDM-TP 70W/150W /830/935/942

Life expectancy diagram

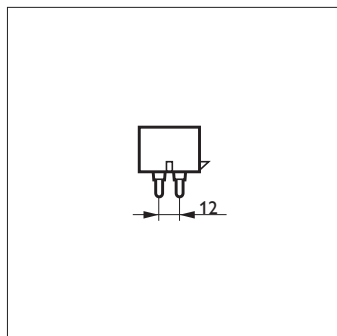


CDM-TP 70W/150W /830/935/942

Cap Base

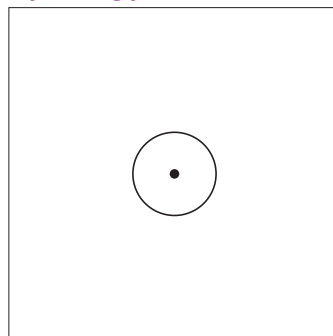


PG12-2



PGX12-2

Operating position



any





CDM-TD 70W

Product Description

- Range of double-ended, compact, high-efficiency, discharge lamps with a stable colour over lifetime and a crisp, sparkling light

Product Features

- Crisp white light
- Superior colour quality
- Retrofit in double-ended luminaires for quartz metal halide lamps (MHN-TD), thereby allowing to reduce operating costs and improve colour quality
- Burning position horizontal $\pm 45^\circ$

Product Benefits

- Stable colour impression over lifetime
- High lamp efficacy results in low operating costs and low heat generation. Provides better operating costs and improved light quality versus standard quartz metal halide (MHN-TD)
- Long lamp life compared with incandescent, halogen and quartz metal halide (MHN-TD) lamps
- Relatively low heat output enhances comfort for shoppers and staff
- All types are UV-Block for reduced fading risks

Application

- Shops and shop windows, offices and public buildings
- Decorative outdoor: floodlighting of facades, statues and monuments

Luminaires

- Must be used in closed luminaires with a hard-glass cover

System

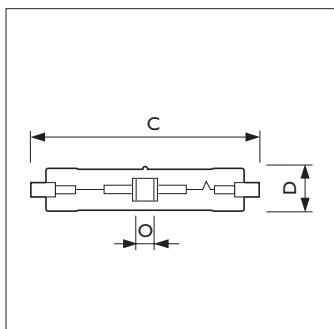
- Must be used in combination with a gear and ignitor or electronic gear
- A high-current protection device (thermo-switch) in the gear is mandatory (IEC 1167)
- If there is a constant voltage deviation of more than 3% of the rated voltage, a different gear rating / tap must be used
- Electronic gear can be used, and increases lamp-life, improves system efficacy, and eliminates visible flicker

Environment

- Good environmental choice because of high energy efficiency and long reliable life
- This product is RoHS compliant
- This product is covered by WEEE

Recommended gear page 2.98

www.philips.com/OEM



CDM-TD

Type	CMax	DMax	OMin	ONom	OMax
MASTERColour CDM-TD 70W/830 RX7s ICT	119.63	22	7.67	8	8.33
MASTERColour CDM-TD 70W/942 RX7s ICT	119.63	22	6.52	6.85	7.18
MASTERColour CDM-TD 150W/830/942 RX7s ICT	137.43	25	9.62	9.95	10.28

Technical data



Type	Lamp Current (A)	Lamp Wattage (W)	Lamp Voltage (V)	Rated Lamp Wattage	Dimmable	Ignition Peak Voltage (V)	Ignition Supply Voltage (V)	Ignition Time (sec)
MASTERColour CDM-TD 70W/830 RX7s ICT	0.97	71.0	92	70	No	5000	198	30
MASTERColour CDM-TD 70W/942 RX7s ICT	0.99	71.0	89	70	No	5000	198	30
MASTERColour CDM-TD 150W/830 RX7s ICT	1.8	145.0	96	150	No	5000	198	30
MASTERColour CDM-TD 150W/942 RX7s ICT	1.82	149.0	100	150	No	5000	198	30

Technical data

Type	Re-ignition Time (min)	Run-up time 90% (min)	Life to 50% failures (hrs)
MASTERColour CDM-TD 70W/830 RX7s ICT	15	3	16000
MASTERColour CDM-TD 70W/942 RX7s ICT	15	3	16000
MASTERColour CDM-TD 150W/830 RX7s ICT	15	3	16000
MASTERColour CDM-TD 150W/942 RX7s ICT	15	3	16000

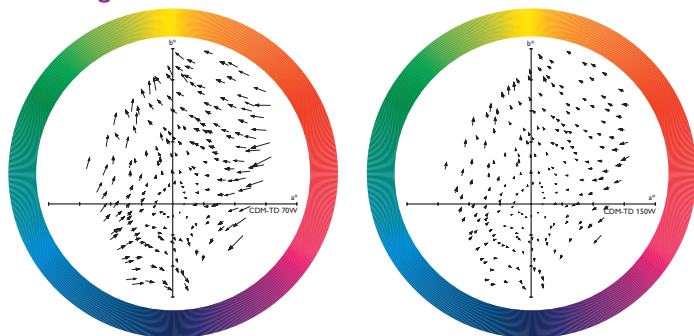
Light data

Type	Luminous Flux Lamp (lm)	Luminous Efficacy Lamp (lm/W)	Colour Designation	Colour Temperature (K)	Colour Rendering Index (Ra)	Chromaticity Coordinate X	Chromaticity Coordinate Y	Operating Position
MASTERColour CDM-TD 70W/830 RX7s ICT	6500	86	Warm White	3000	82	434	397	p45
MASTERColour CDM-TD 70W/942 RX7s ICT	6000	80	Cool White	4200	92	375	364	p45
MASTERColour CDM-TD 150W/830 RX7s ICT	13250	85	Warm White	3000	88	431	390	p45
MASTERColour CDM-TD 150W/942 RX7s ICT	14200	91	Cool White	4200	96	370	368	p45

Ordering and packing data

Type	ILCOS	EAN code 1 piece	Weight	Qty bulk packing	Dimensions bulk packing	EAN code bulk packing	EOC 8711500
MASTERColour CDM-TD 70W/830 RX7s ICT	MD-70/30/1B-H-RX7s	8711500197825	0.021 kg	12	17.5 cm x 15.6 cm x 19.1 cm	8711500197832	197825 15
MASTERColour CDM-TD 70W/830 RX7s OEM ICT	MD-70/30/1B-H-RX7s	8711500202239	0.021 kg	12	17.7 cm x 16.2 cm x 19.3 cm	8711500202246	202239 15
MASTERColour CDM-TD 70W/942 RX7s ICT	MD-70/42/1A-H-RX7s	8711500200020	0.021 kg	12	17.5 cm x 15.6 cm x 19.1 cm	8711500200037	200020 15
MASTERColour CDM-TD 70W/942 RX7s OEM ICT	MD-70/42/1A-H-RX7s	8711500206558	0.021 kg	12	17.7 cm x 16.2 cm x 19.6 cm	8711500206565	206558 15
MASTERColour CDM-TD 150W/830 RX7s ICT	MD-150/30/1B-H-RX7s	8711500197849	0.03 kg	12	17.5 cm x 15.6 cm x 19.1 cm	8711500197856	197849 15
MASTERColour CDM-TD 150W/830 RX7s OEM ICT	MD-150/30/1B-H-RX7s	8711500202253	0.03 kg	12	17.7 cm x 16.2 cm x 19.6 cm	8711500202260	202253 15
MASTERColour CDM-TD 150W/942 RX7s ICT	MD-150/42/1A-H-RX7s	8711500200259	0.03 kg	12	17.5 cm x 15.6 cm x 19.1 cm	8711500200266	200259 15
MASTERColour CDM-TD 150W/942 RX7s OEM ICT	MD-150/42/1A-H-RX7s	8711500206572	0.03 kg	12	17.7 cm x 16.2 cm x 19.6 cm	8711500206589	206572 15

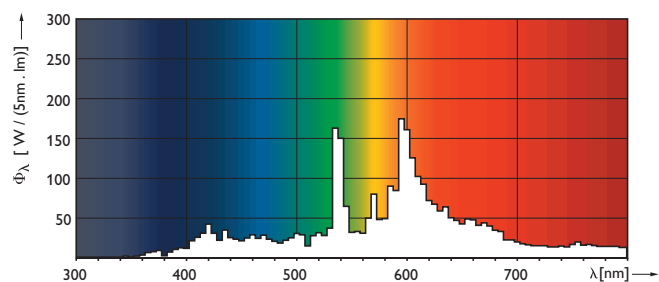
CRV diagram



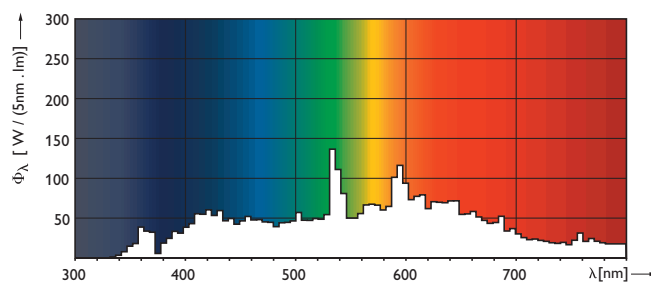
CDM-TD 70W

CDM-TD 150W

Spectral power distribution



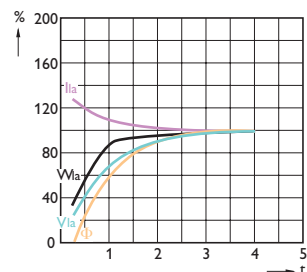
CDM-TD /830



CDM-TD /942

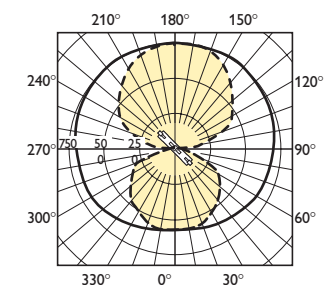
Performance diagram

Lamp performance during run up

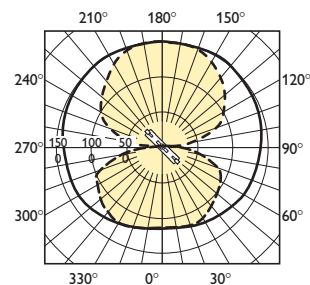


CDM-TD

Photometric diagram

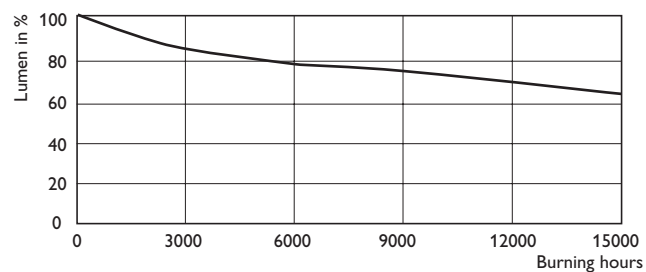


CDM-TD 70W



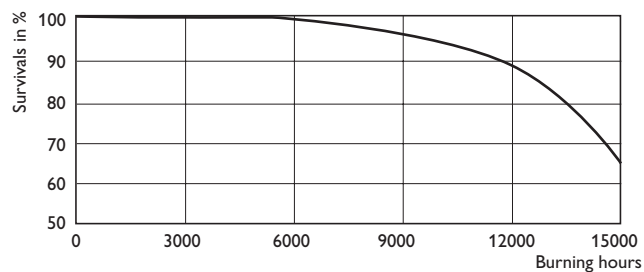
CDM-TD 150W

Lumen maintenance diagram



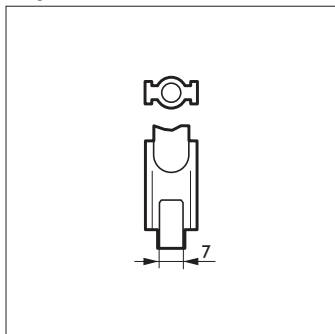
CDM-TD 70W/150W /830/942

Life expectancy diagram



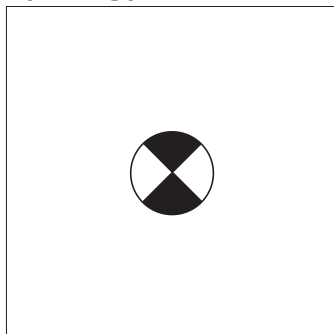
CDM-TD 70W/150W /830/942

Cap Base



RX7s

Operating position



p45



CDM-R111 24D/40D

Product Description

- The MASTERColour CDM-R111 combines the trendy look of the 111 mm aluminium reflector halogen lamps with the long life, high energy efficiency and crisp white light of MASTERColour CDM

Product Features

- High lamp efficacy
- Long lamp lifetime compared to incandescent and halogen lamps
- The ceramic discharge tube is optimally and stable positioned in the reflector
- Twist & Lock system
- UV-Block burner capsule
- Anti-glare cap design

Product Benefits

- Low operating costs
- Easy installation
- Relatively low heat output
- Less glare, comfort for shoppers and staff
- Reduced fading risks

Application

- Accent and decorative lighting: display lighting with sparkling, theatrical effects, even in surroundings with very high background ambient light levels like shop windows
- General lighting: in downlighters, a warm and comfortable atmosphere can be created

Luminaires

- Standard 111 mm reflector design increases flexibility in application and allows CDM-R111 easily fixed into the many existing 111 luminaires
- Simplified luminaire design because CDM-R111 lamps can be used in open luminaires
- GX8.5 lamp connector used must be suitable for ignition peaks up to 5 kV

System

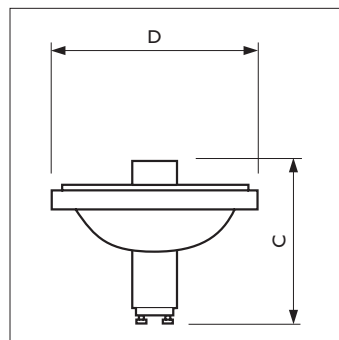
- Must be used in combination with a gear and ignitor or electronic gear
- Except for CDM R111 35W/830, all the other types should be used with an electronic gear
- A high-current protection device (thermo-switch) in the gear is mandatory (IEC1167)
- If there is a constant voltage deviation of more than 3% of the rated voltage, a different gear rating / tap must be used
- Electronic gear can be used and increases lamp-life, improves system efficacy and eliminates visible flicker

Environment

- Good environmental choice because of high energy efficiency and long reliable life
- This product is a Philips Green product
- This product is RoHS compliant
- This product is covered by WEEE

Recommended gear page 2.98

www.philips.com/OEM



CDM-R111 GX8.5

Type	CMax	DMax
MASTERColour CDM-R111	95	111

Technical data

Type	Lamp Current (A)	Lamp Wattage (W)	Lamp Voltage (V)	Rated Lamp Wattage	Dimmable	Ignition Supply Voltage (V)	Ignition Time (sec)	Re-ignition Time (min)	Run-up time 90% (min)
MASTERColour CDM-R111 20W/830 GX8.5 ICT	0.22	22	101	20	No	198	30	15	3
MASTERColour CDM-R111 35W/942 GX8.5 ICT	0.46	39	86	35	No	198	30	15	-
MASTERColour CDM-R111 70W/830 GX8.5 ICT	0.88	73	83	70	No	198	30	15	3
MASTERColour CDM-R111 70W/942 GX8.5 ICT	0.80	73	92	70	No	198	30	15	3

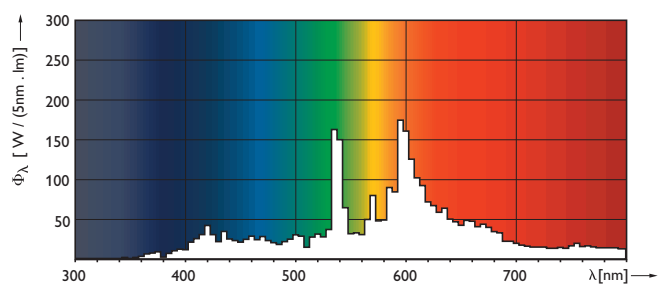
Light data

Type	Luminous Flux Lamp (lm)	Colour Designation	Colour Temperature (K)	Colour Rendering Index (Ra)	Chromaticity Coordinate X	Chromaticity Coordinate Y	Operating Position	Beam Description	Beam Angle (°)
MASTERColour CDM-R111 20W/830 GX8.5 10D ICT	750	Warm White	3000	85	429	395	any	Spot	10
MASTERColour CDM-R111 20W/830 GX8.5 24D ICT	750	Warm White	3000	85	429	395	any	Narrow Flood	24
MASTERColour CDM-R111 35W/830 GX8.5 10D ICT	1100	Warm White	3000	81	433	402	any	Spot	10
MASTERColour CDM-R111 35W/830 GX8.5 24D ICT	1350	Warm White	3000	81	433	402	any	Narrow Flood	24
MASTERColour CDM-R111 35W/830 GX8.5 40D ICT	1350	Warm White	3000	81	433	402	any	Flood	40
MASTERColour CDM-R111 35W/942 GX8.5 10D ICT	1100	Cool White	4200	92	370	366	any	Spot	10
MASTERColour CDM-R111 35W/942 GX8.5 40D ICT	1350	Cool White	4200	92	370	366	any	Flood	40
MASTERColour CDM-R111 70W/830 GX8.5 10D ICT	2500	Warm White	3000	84	439	393	any	Spot	10
MASTERColour CDM-R111 70W/830 GX8.5 24D ICT	2850	Warm White	3000	84	439	393	any	Narrow Flood	24
MASTERColour CDM-R111 70W/830 GX8.5 40D ICT	2850	Warm White	3000	84	439	393	any	Flood	40
MASTERColour CDM-R111 70W/942 GX8.5 10D ICT	2500	Cool White	4200	95	370	365	any	Spot	10
MASTERColour CDM-R111 70W/942 GX8.5 24D ICT	2850	Cool White	4200	95	370	365	any	Narrow Flood	24
MASTERColour CDM-R111 70W/942 GX8.5 40D ICT	2850	Cool White	4200	95	370	365	any	Flood	40

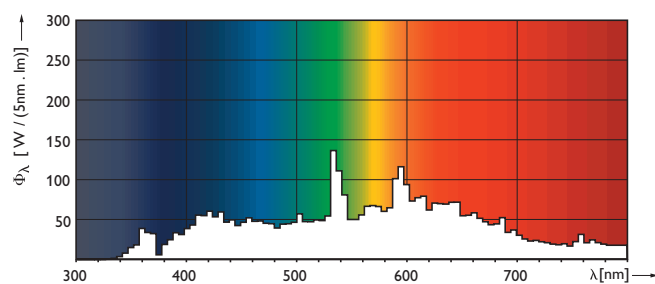
Ordering and packing data

Type	ILCOS	EAN code 1 piece	Weight	Qty bulk packing	Dimensions bulk packing	EAN code bulk packing	EOC 8711500
MASTERColour CDM-R111 20W/830 GX8.5 10D ICT	MRS/UB-20/30/1B-H-GX8.5	8711500209474	0.095 kg	6	32.5 cm x 24 cm x 15.5 cm	8711500209481	209474 10
MASTERColour CDM-R111 20W/830 GX8.5 24D ICT	MRS/UB-20/30/1B-H-GX8.5	8711500209511	0.095 kg	6	32.5 cm x 24 cm x 15.5 cm	8711500209528	209511 10
MASTERColour CDM-R111 35W/830 GX8.5 10D ICT	MRS/UB-35/30/1B-H-GX8.5	8711500204486	0.096 kg	6	32.5 cm x 24 cm x 15.5 cm	8711500204493	204486 10
MASTERColour CDM-R111 35W/830 GX8.5 24D ICT	MRS/UB-35/30/1B-H-GX8.5	8711500204509	0.096 kg	6	32.5 cm x 23.5 cm x 15 cm	8711500204516	204509 10
MASTERColour CDM-R111 35W/830 GX8.5 40D ICT	MRS/UB-35/30/1B-H-GX8.5	8711500204523	0.096 kg	6	32.5 cm x 23.5 cm x 13.8 cm	8711500204530	204523 10
MASTERColour CDM-R111 35W/942 GX8.5 10D ICT	MRS/UB-35/42/1A-H-GX8.5	8711500213853	0.095 kg	6	33.5 cm x 24.5 cm x 15.5 cm	8711500213860	213853 10
MASTERColour CDM-R111 35W/942 GX8.5 40D ICT	MRS/UB-35/42/1A-H-GX8.5	8711500213891	0.095 kg	6	33.5 cm x 24.5 cm x 15.5 cm	8711500213907	213891 10
MASTERColour CDM-R111 70W/830 GX8.5 10D ICT	MRS/UB-70/30/1B-H-GX8.5	8711500207197	0.096 kg	6	32.5 cm x 24 cm x 15.5 cm	8711500207203	207197 10
MASTERColour CDM-R111 70W/830 GX8.5 24D ICT	MRS/UB-70/30/1B-H-GX8.5	8711500207210	0.096 kg	6	32.5 cm x 24 cm x 15.5 cm	8711500207227	207210 10
MASTERColour CDM-R111 70W/830 GX8.5 40D ICT	MRS/UB-70/30/1B-H-GX8.5	8711500207234	0.096 kg	6	32.5 cm x 24 cm x 15.5 cm	8711500207241	207234 10
MASTERColour CDM-R111 70W/942 GX8.5 10D ICT	MRS/UB-70/42/1A-H-GX8.5	8711500213914	0.095 kg	6	33.5 cm x 24.5 cm x 15.5 cm	8711500213921	213914 10
MASTERColour CDM-R111 70W/942 GX8.5 24D ICT	MRS/UB-70/42/1A-H-GX8.5	8711500213938	0.095 kg	6	33.5 cm x 24.5 cm x 15.5 cm	8711500213945	213938 10
MASTERColour CDM-R111 70W/942 GX8.5 40D ICT	MRS/UB-70/42/1A-H-GX8.5	8711500213952	0.095 kg	6	32.5 cm x 24 cm x 15.5 cm	8711500213969	213952 10

Spectral power distribution

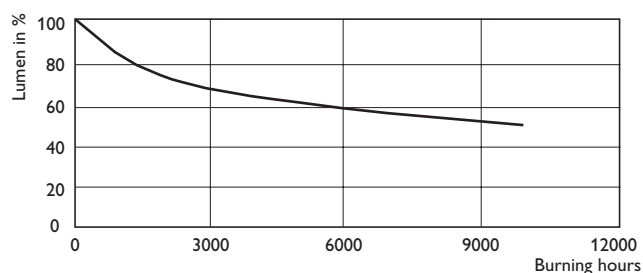


CDM-R111 /830

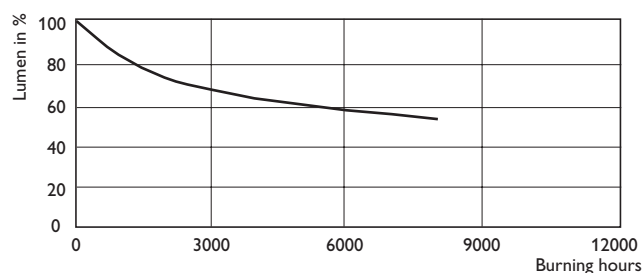


CDM-R111 /942

Lumen maintenance diagram

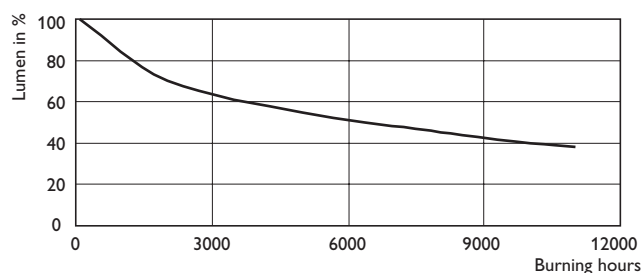


CDM-R111 35W/830 on electronic gear

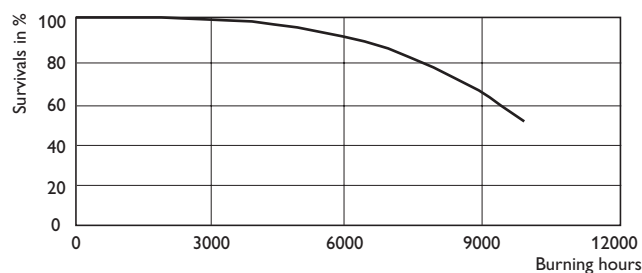


CDM-R111 70W/830 on electronic gear

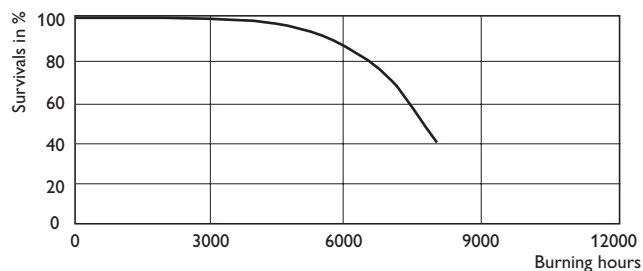
Life expectancy diagram



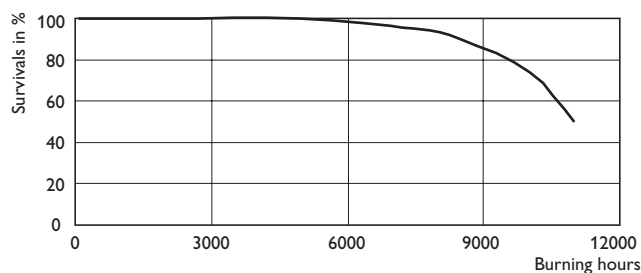
CDM-R111 on electronic gear



CDM-R111 35W/830 on electronic gear

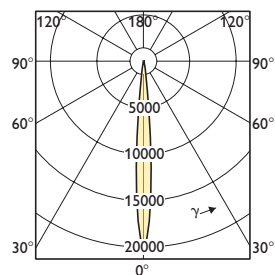


CDM-R111 70W/830 on electronic gear

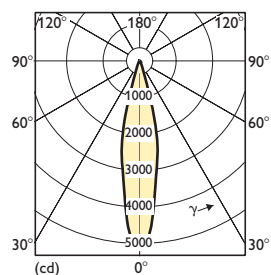
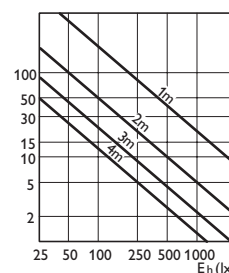
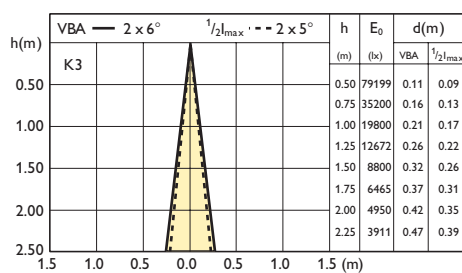


CDM-R111 on electronic gear

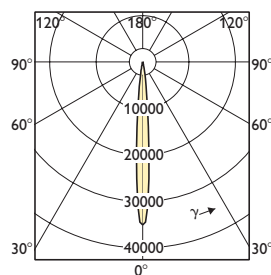
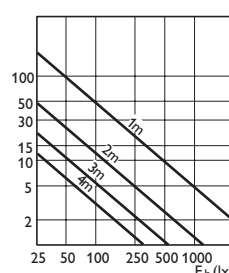
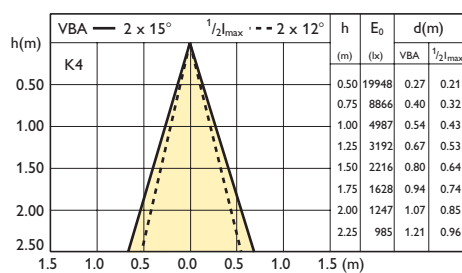
Photometric diagram



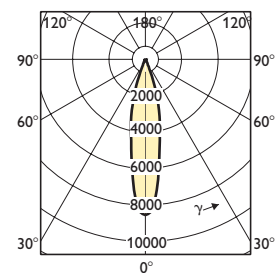
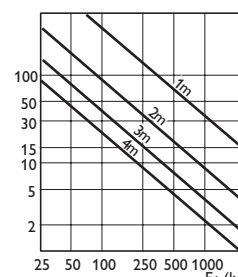
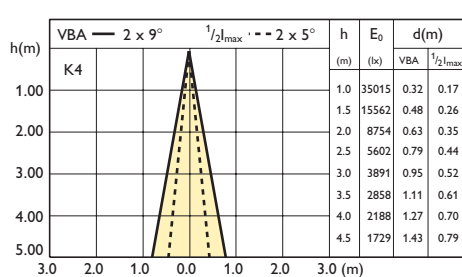
CDM-R111 20W I0D



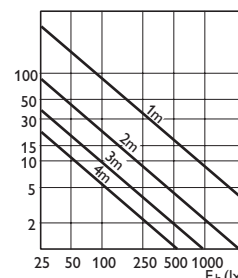
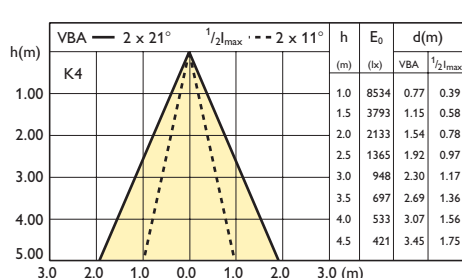
CDM-R111 20W 24D

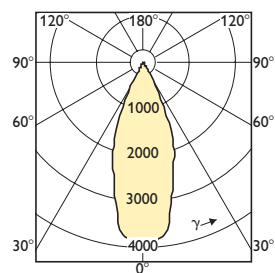


CDM-R111 35W I0D

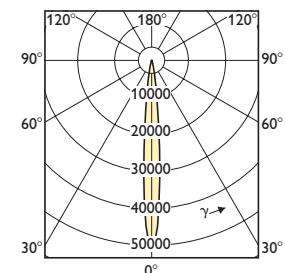
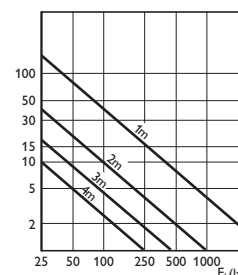
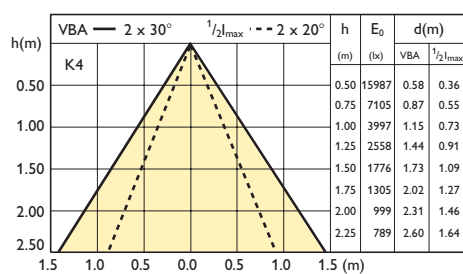


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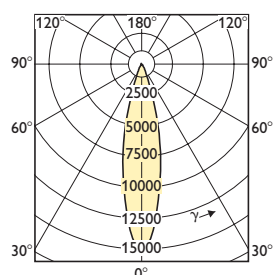
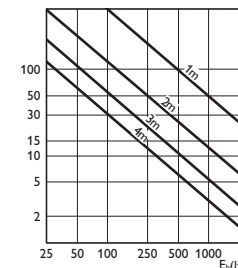
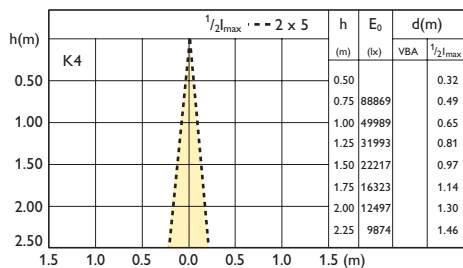




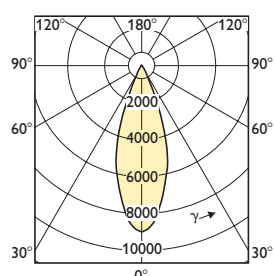
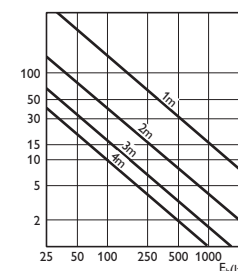
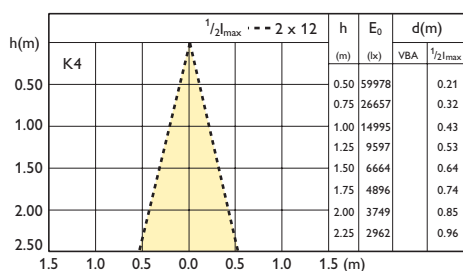
CDM-R111 35W 40D



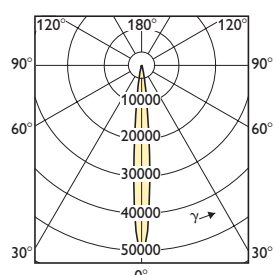
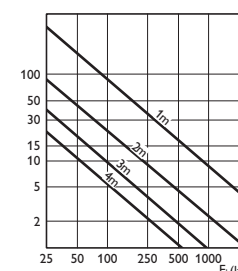
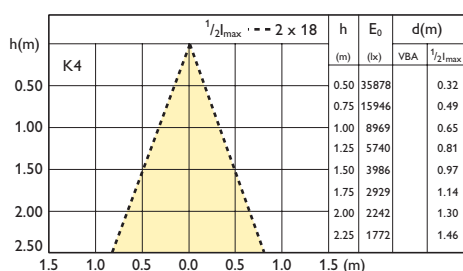
CDM-R111 70W /830 10D



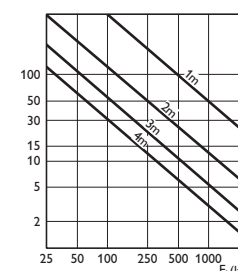
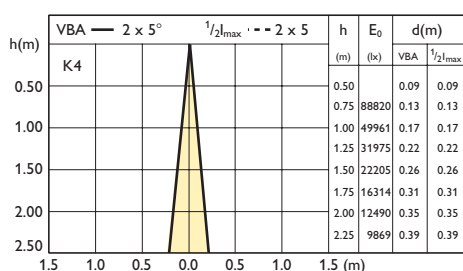
CDM-R111 70W /830 24D

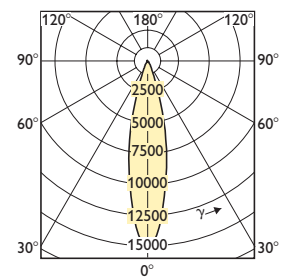


CDM-R111 70W /830 40D

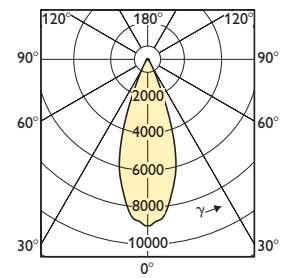
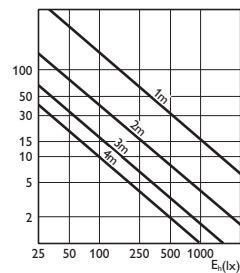
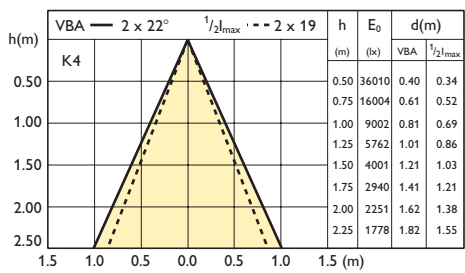


CDM-R111 70W /942 10D

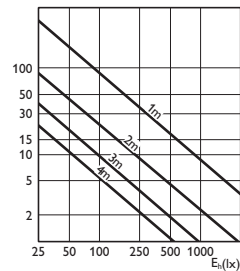
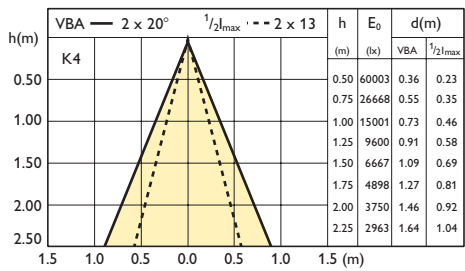




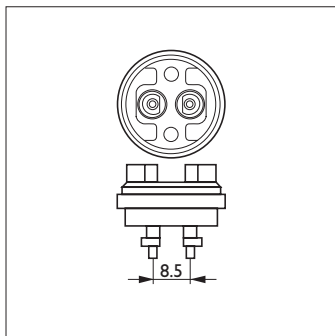
CDM-R111 70W /942 24D



CDM-R111 70W /942 40D

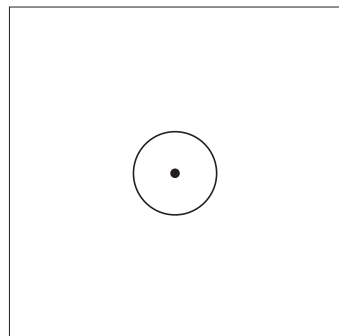


Cap Base



GX8.5

Operating position



any



CDM-R PAR30L 10D

Product Description

- Range of compact, high-efficiency, discharge reflector lamps with a stable colour over lifetime and a crisp, sparkling light

Product Features

- Crisp white light
- Superior colour quality
- High beam intensities are achieved very easy and efficiently from these compact reflector lamps

Product Benefits

- High lamp efficacy results in low operating costs and low heat generation
- Long lamp life compared with incandescent and halogen lamps
- Stable colour impression over lifetime
- Unique DESIGN increases flexibility in application and allows powerful accents from small, unobtrusive luminaires
- Simplified luminaire design because CDM-R lamps can be used in open luminaires
- Relatively low heat output enhances comfort for shoppers and staff
- Integrated UV-Block shield reduces fading risks

Application

- Shops and shop windows, offices and public buildings
- Decorative outdoor: floodlighting and pedestrian areas

Luminaires

- E27 lampholders used must be suitable for ignition peaks up to 5 kV
- Suitable for use in open luminaires

System

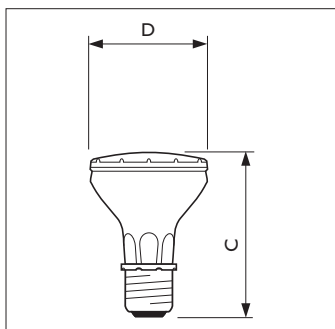
- Must be used in combination with a gear and ignitor or electronic gear, except CDM PAR 942 which can only be used with electronic gear
- If there is a constant voltage deviation of more than 3% of the rated voltage, a different gear rating / tap must be used
- A high-current protection device (thermo-switch) in the gear is mandatory (IEC 1167)
- Electronic gear can be used and increases lamp-life, improves system efficacy and eliminates visible flicker

Environment

- Good environmental choice because of high energy efficiency and long reliable life
- This product is RoHS compliant
- This product is covered by WEEE

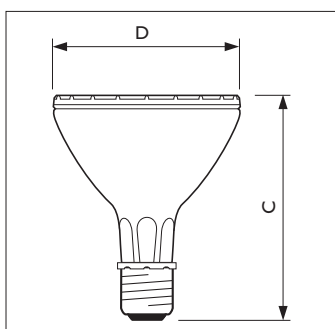
Recommended gear page 2.98

www.philips.com/OEM



CDM-R PAR20

Type	CNom	CMax	DNom	DMax
MASTERColour CDM-R 35W PAR20	92	95	64	65



CDM-R PAR30L

Type	CNom	CMax	DNom	DMax
MASTERColour CDM-R 35W/70W PAR30L	120	123	95	97



CDM-R PAR20 30D

Technical data



Type	Lamp Current (A)	Lamp Wattage (W)	Lamp Voltage (V)	Rated Lamp Wattage	Dimmable	Ignition Peak Voltage (V)	Ignition Supply Voltage (V)	Ignition Time (sec)
MASTERColour CDM-R 35W/830 E27 PAR20 10D 1CT	-	-	88	35	No	5000	198	30
MASTERColour CDM-R 35W/942 E27 PAR20 10D 1CT	0.450	39	85	35	No	5000	198	30
MASTERColour CDM-R 35W/830 E27 PAR30L 10D 1CT	-	-	86	35	No	5000	198	30
MASTERColour CDM-R 70W/830 E27 PAR30L 10D 1CT	-	-	90	70	No	5000	198	30
MASTERColour CDM-R 70W/830 E27 PAR30L 30D 1CT	0.97	73	90	70	No	5000	198	30
MASTERColour CDM-R 70W/942 E27 PAR30L 10D 1CT	0.83	73	88	70	No	5000	198	30

Technical data

Type	Re-ignition Time (min)	Run-up time 90% (min)	Life to 50% failures (hrs)
MASTERColour CDM-R 35W/830 E27 PAR20 10D 1CT	15	3	7500
MASTERColour CDM-R 35W/942 E27 PAR20 10D 1CT	14.4	3	9000
MASTERColour CDM-R 35W/830 E27 PAR30L 10D 1CT	15	3	7500

Technical data

Type	Re-ignition Time (min)	Run-up time 90% (min)	Life to 50% failures (hrs)
MASTERColour CDM-R 70W/830 E27 PAR30L 10D 1CT	10	3	11000
MASTERColour CDM-R 70W/830 E27 PAR30L 30D 1CT	10	3	11000
MASTERColour CDM-R 70W/942 E27 PAR30L 10D 1CT	10	3	9000

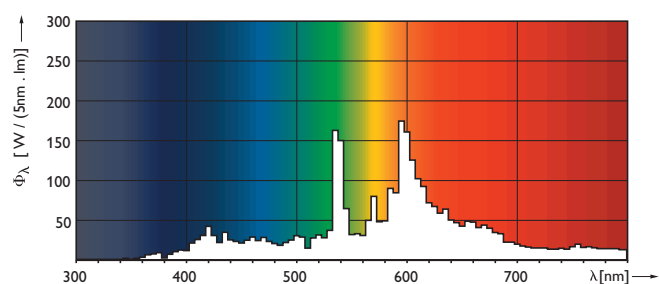
Light data

Type	Luminous Flux Lamp (lm)	Colour Designation	Colour Temperature (K)	Colour Rendering Index (Ra)	Chromaticity Coordinate X	Chromaticity Coordinate Y	Operating Position	Beam Description	Beam Angle (°)
MASTERColour CDM-R 35W/830 E27 PAR20 10D	-	Warm White	3000	81	433	402	any	Spot	10
MASTERColour CDM-R 35W/830 E27 PAR20 30D	-	Warm White	3000	81	433	402	any	Flood	30
MASTERColour CDM-R 35W/942 E27 PAR20 10D	1950	Cool White	4200	92	375	370	any	Spot	10
MASTERColour CDM-R 35W/942 E27 PAR20 30D	1950	Cool White	4200	92	375	370	any	Flood	30
MASTERColour CDM-R 35W/830 E27 PAR30L 10D	-	Warm White	3000	81	431	400	any	Spot	10
MASTERColour CDM-R 35W/830 E27 PAR30L 30D	-	Warm White	3000	81	431	400	any	Flood	30
MASTERColour CDM-R 70W/830 E27 PAR30L 10D	-	Warm White	3000	83	427	397	any	Spot	10
MASTERColour CDM-R 70W/830 E27 PAR30L 30D	4850	Warm White	3000	83	427	397	any	Flood	30
MASTERColour CDM-R 70W/830 E27 PAR30L 40D	-	Warm White	3000	83	427	397	any	Flood	40
MASTERColour CDM-R 70W/942 E27 PAR30L 10D	4300	Cool White	4200	94	371	366	any	Spot	10
MASTERColour CDM-R 70W/942 E27 PAR30L 30D	4300	Cool White	4200	94	371	366	any	Flood	30
MASTERColour CDM-R 70W/942 E27 PAR30L 40D	4300	Cool White	4200	94	371	366	any	Flood	40

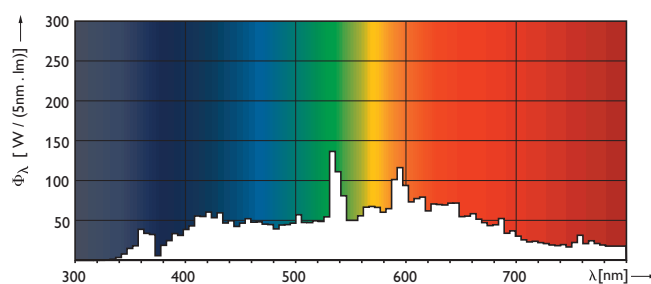
Ordering and packing data

Type	ILCOS	EAN code 1 piece	Weight	Qty bulk packing	Dimensions bulk packing	EAN code bulk packing	EOC 8711500
MASTERColour CDM-R 35W/830 E27 PAR20 10D 1CT	MRS/UB-35/30/1B-H-E27	8711500198082	0.112 kg	12	31 cm x 24.5 cm x 11.5 cm	8711500198099	198082 15
MASTERColour CDM-R 35W/830 E27 PAR20 30D 1CT	MRS/UB-35/30/1B-H-E27	8711500198105	0.111 kg	12	31 cm x 24.5 cm x 11.5 cm	8711500198112	198105 15
MASTERColour CDM-R 35W/942 E27 PAR20 10D 1CT	MRS/UB-35/42/1A-H-E27	8711500207852	0.115 kg	12	31 cm x 24.5 cm x 11.5 cm	8711500207869	207852 15
MASTERColour CDM-R 35W/942 E27 PAR20 30D 1CT	MRS/UB-35/42/1A-H-E27	8711500207876	0.113 kg	12	31 cm x 24.5 cm x 11.5 cm	8711500207883	207876 15
MASTERColour CDM-R 35W/830 E27 PAR30L 10D 1CT	MRS/UB-35/30/1B-H-E27	8711500197016	0.225 kg	6	33.5 cm x 24.5 cm x 15.5 cm	8711500197023	197016 10
MASTERColour CDM-R 35W/830 E27 PAR30L 30D 1CT	MRS/UB-35/30/1B-H-E27	8711500197030	0.216 kg	6	33.5 cm x 24.5 cm x 15.5 cm	8711500197047	197030 10
MASTERColour CDM-R 70W/830 E27 PAR30L 10D 1CT	MRS/UB-70/30/1B-H-E27	8711500197054	0.225 kg	6	33 cm x 24.5 cm x 15.5 cm	8711500197061	197054 10
MASTERColour CDM-R 70W/830 E27 PAR30L 30D 1CT	MRS/UB-70/30/1B-H-E27	8711500207319	0.215 kg	6	33.5 cm x 24.5 cm x 15.5 cm	8711500207326	207319 10
MASTERColour CDM-R 70W/830 E27 PAR30L 30D 1CT	MRS/UB-70/30/1B-H-E27	8711500207791	0.225 kg	6	33.5 cm x 24.5 cm x 15.5 cm	8711500207807	207791 10
MASTERColour CDM-R 70W/830 E27 PAR30L 40D 1CT	MRS/UB-70/30/1B-H-E27	8711500197078	0.225 kg	6	33.5 cm x 24.5 cm x 15.5 cm	8711500197085	197078 10
MASTERColour CDM-R 70W/942 E27 PAR30L 10D 1CT	MRS/UB-70/42/1A-H-E27	8711500207739	0.225 kg	6	33.5 cm x 24.5 cm x 15.5 cm	8711500207746	207739 10
MASTERColour CDM-R 70W/942 E27 PAR30L 10D 1CT	MRS/UB-70/42/1A-H-E27	8711500207258	0.225 kg	6	33.5 cm x 24.5 cm x 15.5 cm	8711500207265	207258 10
MASTERColour CDM-R 70W/942 E27 PAR30L 30D 1CT	MRS/UB-70/42/1A-H-E27	8711500207296	0.215 kg	6	33.5 cm x 24.5 cm x 15.5 cm	8711500207302	207296 10
MASTERColour CDM-R 70W/942 E27 PAR30L 30D 1CT	MRS/UB-70/42/1A-H-E27	8711500207777	0.225 kg	6	33.5 cm x 24.5 cm x 15.5 cm	8711500207784	207777 10
MASTERColour CDM-R 70W/942 E27 PAR30L 40D 1CT	MRS/UB-70/42/1A-H-E27	8711500207753	0.225 kg	6	33.5 cm x 24.5 cm x 15.5 cm	8711500207760	207753 10
MASTERColour CDM-R 70W/942 E27 PAR30L 40D 1CT	MRS/UB-70/42/1A-H-E27	8711500207272	0.225 kg	6	33.5 cm x 24.5 cm x 15.5 cm	8711500207289	207272 10

Spectral power distribution



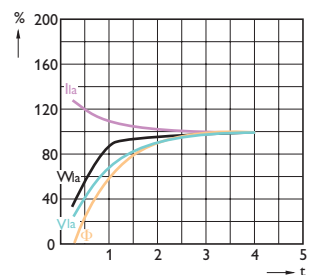
CDM-R /830



CDM-R /942

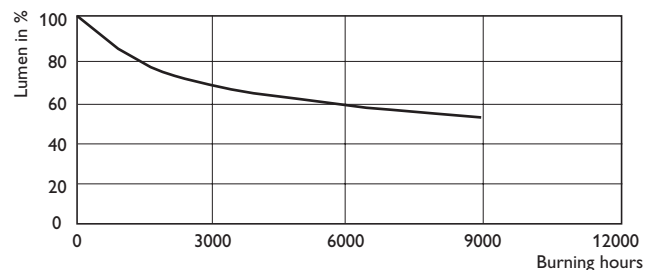
Performance diagram

Lamp performance during run up

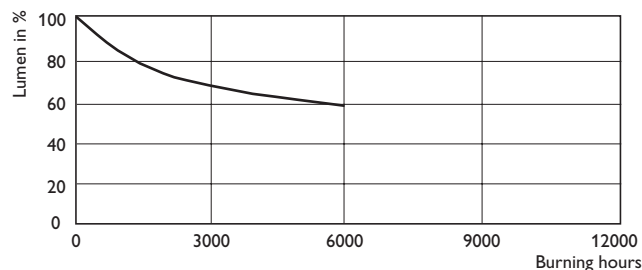


CDM-R

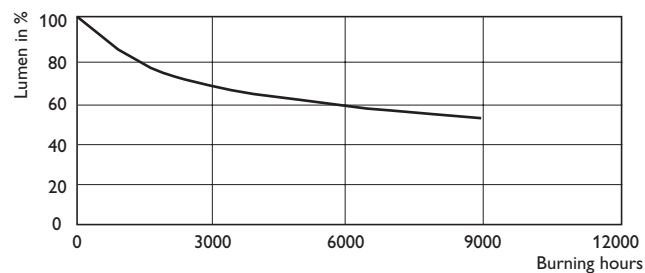
Lumen maintenance diagram



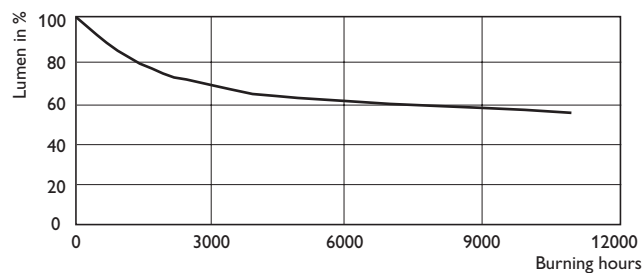
CDM-R 35W/830 PAR20 on electronic gear



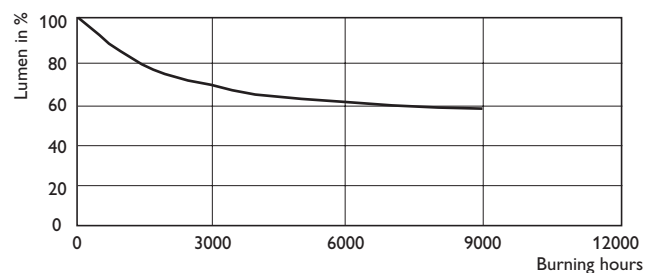
CDM-R 35W/942 PAR20 on electronic gear



CDM-R 35W/830 PAR30L on electronic gear

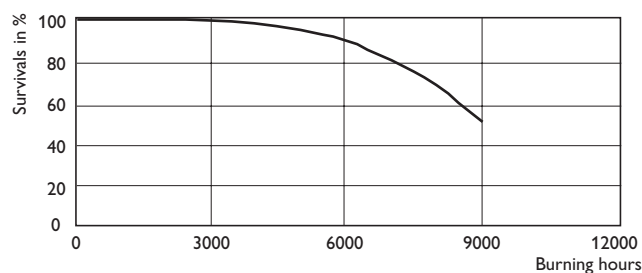


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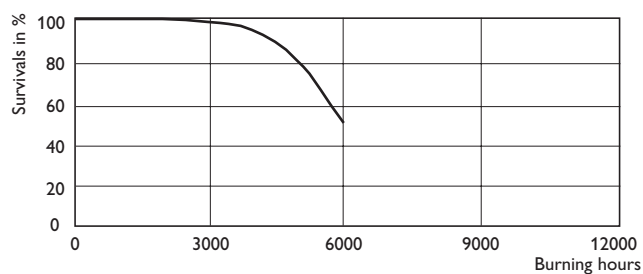


CDM-R 70W/942 PAR30L on electronic gear

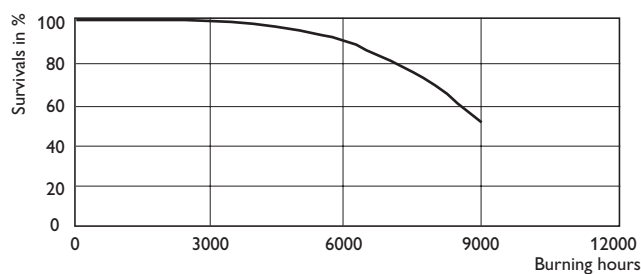
Life expectancy diagram



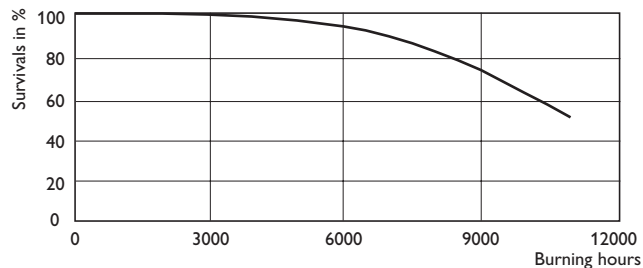
CDM-R 35W/830 PAR20 on electronic gear



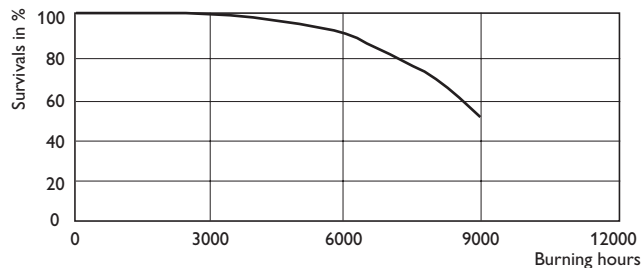
CDM-R 35W/942 PAR20 on electronic gear



CDM-R 35W /830 PAR30L

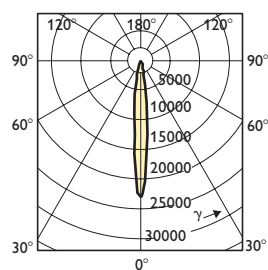


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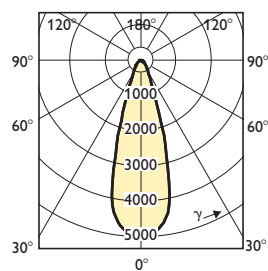
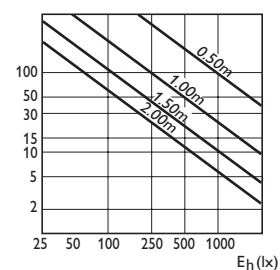
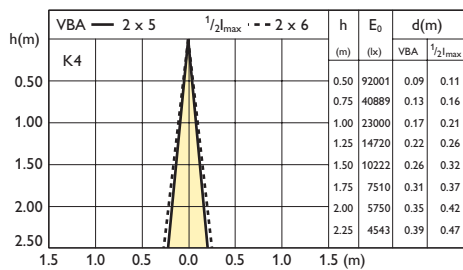


CDM-R 70W/942 PAR30L on electronic gear

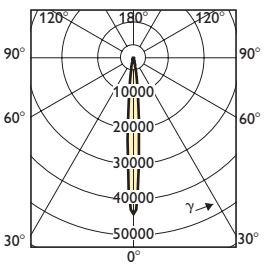
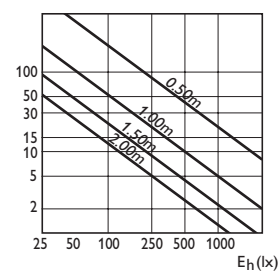
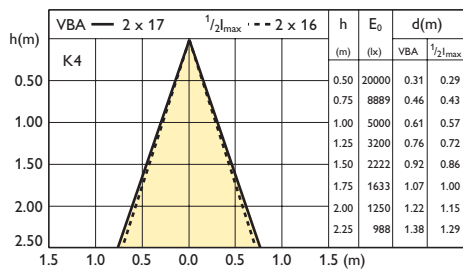
Photometric diagram



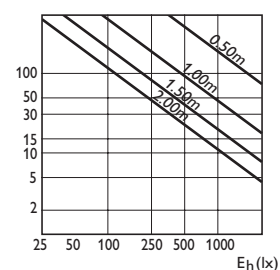
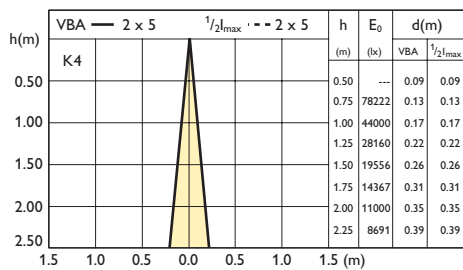
CDM-R 35W /830 PAR20 10D

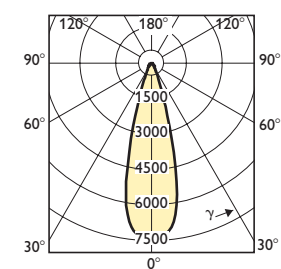


CDM-R 35W /830 PAR20 30D

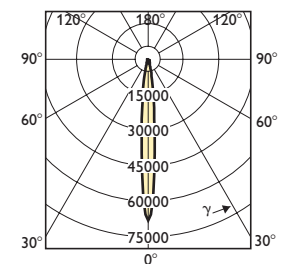
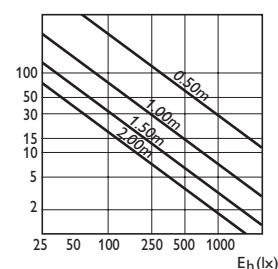
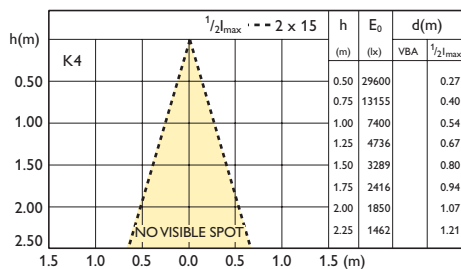


CDM-R 35W /830 PAR30L 10D

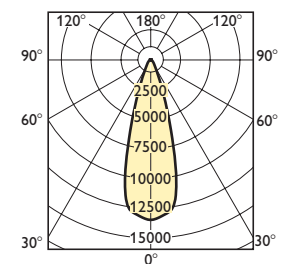
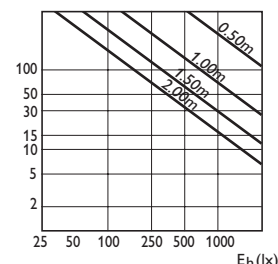
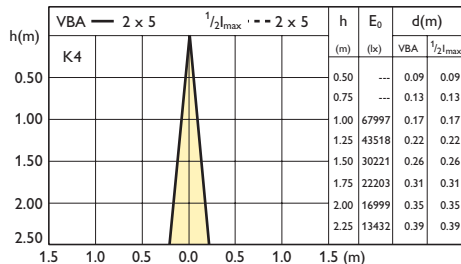




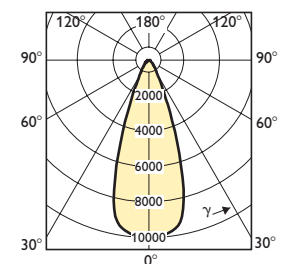
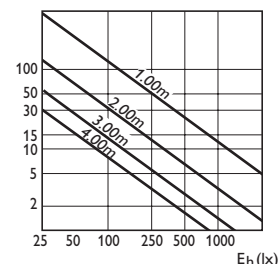
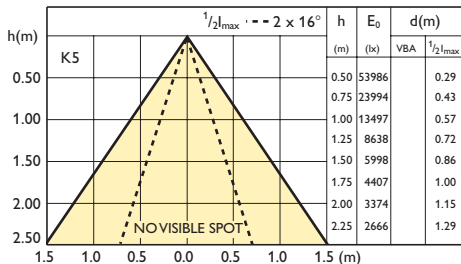
CDM-R 35W /830 PAR30L 30D



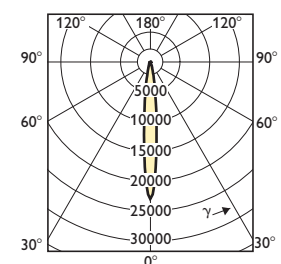
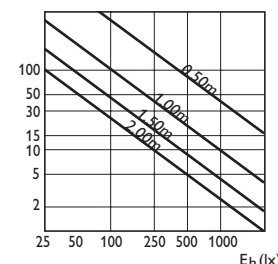
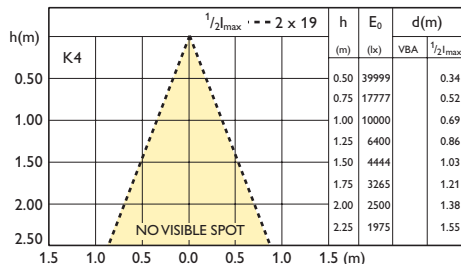
CDM-R 70W /830 PAR30L 10D



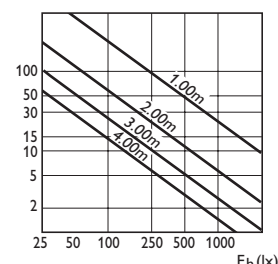
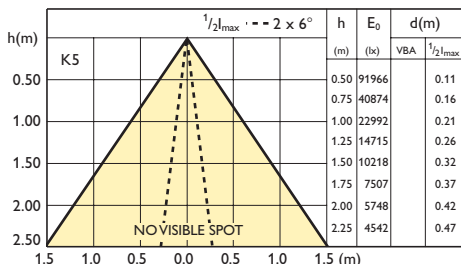
CDM-R 70W /830 PAR30L 30D

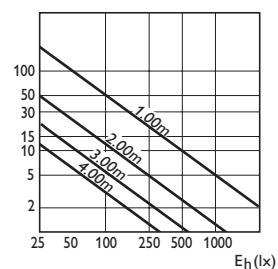
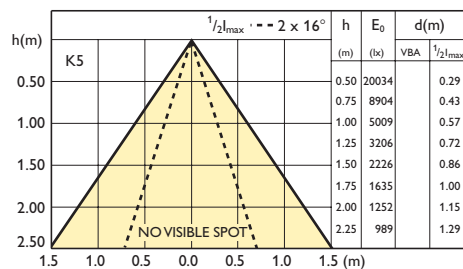
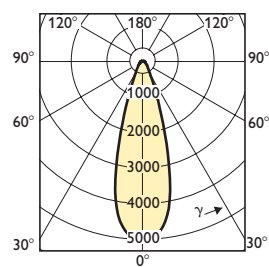


CDM-R 70W /830 PAR30L 40D

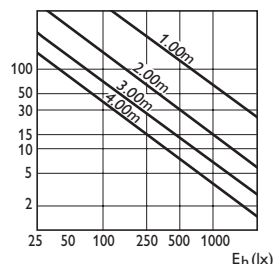
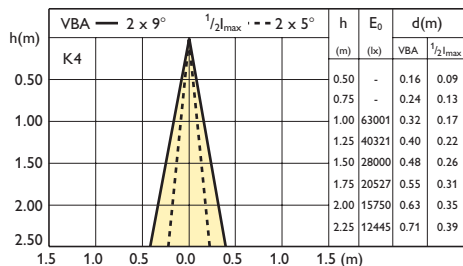
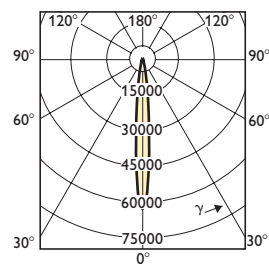


CDM-R 35W /942 PAR20 10D

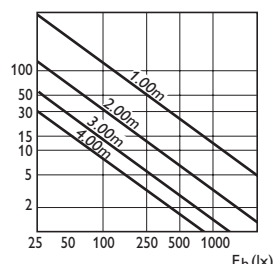
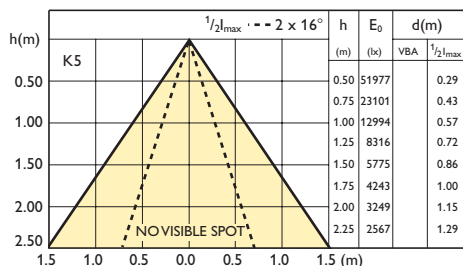
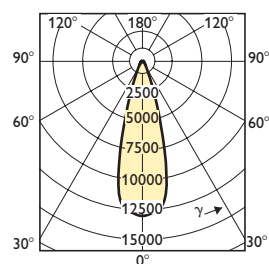




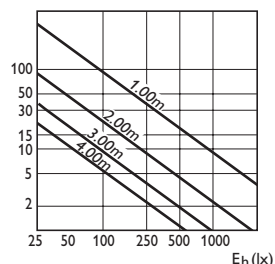
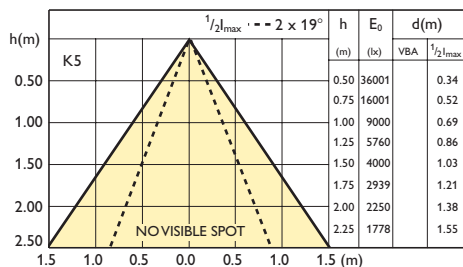
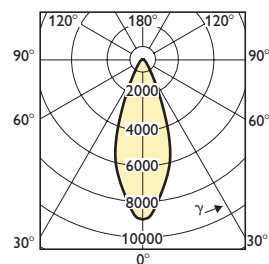
CDM-R 35W /942 PAR20 30D



CDM-R 70W /942 PAR30L 10D

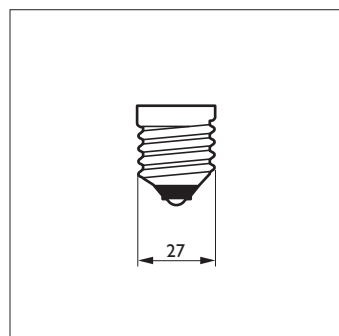


CDM-R 70W /942 PAR30L 30D



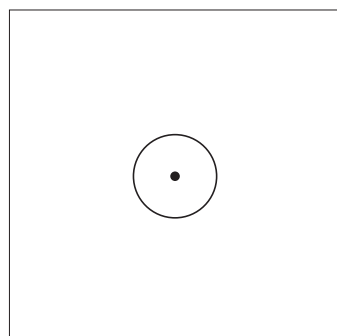
CDM-R 70W /942 PAR30L 40D

Cap Base



E27

Operating position



any

عرض
3,00
بورمة / بللورية

عرض خاص
Promotion
1 24
كجم
بقلاوة
Baklava





MASTERColour CDM-R Mini

Product Description

- Miniaturised 50 mm reflector ceramic metal halide lamp
- GX10 twist-lock lamp base
- Available in both 20W and 35W. 35W will be available in 2009.

Product Features

- Crisp white light for a comfortable atmosphere
- Superior output and colour stability
- Low heat generation
- High beam intensities in a 50 mm reflector
- Easy replacement due to robust twist-lock socket
- Universal burning position

Product Benefits

- Stable colour impression over lifetime
- High efficacy for low operating costs and low heat generation
- Long life compared with halogen lamps
- Relatively low heat output enhances comfort for shoppers and staff
- Simple solution for new luminaires developments. Reflector diameter same as Halogen MR16 lamps. For full retrofit, gear and lampholder need to be exchanged.
- UV-Block for reduced fading risk of merchandise

Application

- Accent and display lighting with a sparkling effect
- Downlighting and Mini floodlighting

Luminaires

- 50 mm reflector design increases flexibility in application and allows CDM-Rm easily fixed into the existing MR16 Halogen luminaires
- Suitable for open luminaires
- GX10 lamp connector used must be suitable for ignition peaks up to 5KV

System

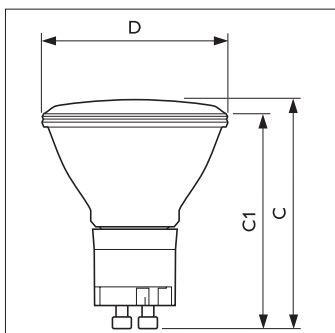
- Must be used with electronic gear. Recommend to use in combination with Philips PrimaVision gear to get optimal performance

Environment

- Good environmental choice because of high energy efficiency and long reliable life
- This product is a Philips Green product.
- This product is RoHS compliant.
- This product is covered by WEEE.

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MASTERColour CDM-R Mini

Type	D	C	CI
MASTERColour CDM-R Mini5	50.0	59.0	55.8

Technical data

Type	Lamp Current	Lamp Wattage	Lamp Voltage	Rated Lamp Wattage	Dimmable	Ignition Time	Re-ignition Time	Run-up time 90%	Life to 50% failures
	(A)	(W)	(V)			(sec)	(min)	(min)	(hrs)
MASTERColour CDM-R Mini 20W/830 GX10 MR16 10D 1CT	0.215	22	103	20	No	30	15	3	12000
MASTERColour CDM-R Mini 20W/830 GX10 MR16 25D 1CT	0.215	22	103	20	No	30	15	3	12000
MASTERColour CDM-R Mini 20W/830 GX10 MR16 40D 1CT	0.215	22	103	20	No	30	15	3	12000

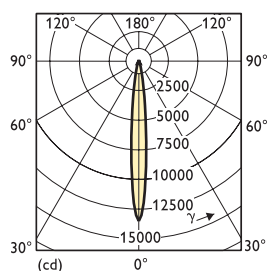
Light data

Type	Luminous Flux Lamp EL	Colour Temperature	Colour Rendering Index	Chromaticity Coordinate X	Chromaticity Coordinate Y	Operating Position	Beam Angle
	(lm)	(K)	(Ra)				(°)
MASTERColour CDM-R Mini 20W/830 GX10 MR16 10D 1CT	1080	2910	85	438	394	any	10
MASTERColour CDM-R Mini 20W/830 GX10 MR16 25D 1CT	1080	2910	85	438	394	any	25
MASTERColour CDM-R Mini 20W/830 GX10 MR16 40D 1CT	1080	2910	85	438	394	any	40

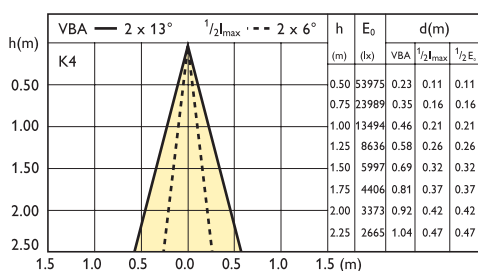
Ordering and packing data

Type	EAN code 1 piece	Qty bulk packing	Dimensions bulk packing	Weight	EAN code bulk packing	EOC
MASTERColour CDM-R Mini 20W/830 GX10 MR16 10D 1CT	8727900800012	6	17.2 cm x 11.2 cm x 7.8 cm	0.07 kg	8727900800029	800012 00
MASTERColour CDM-R Mini 20W/830 GX10 MR16 25D 1CT	8727900800036	6	17.2 cm x 11.2 cm x 7.8 cm	0.07 kg	8727900800043	800036 00
MASTERColour CDM-R Mini 20W/830 GX10 MR16 40D 1CT	8727900800050	6	17.2 cm x 11.2 cm x 7.8 cm	0.07 kg	8727900800067	800050 00

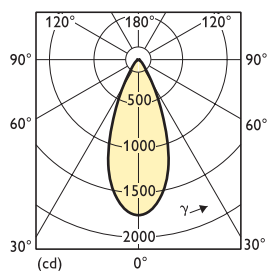
Photometric diagram



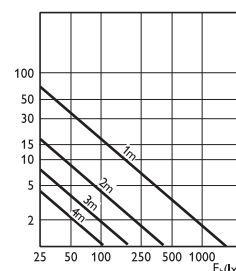
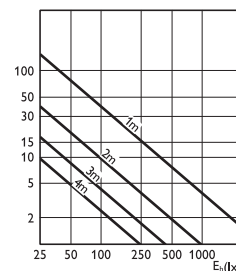
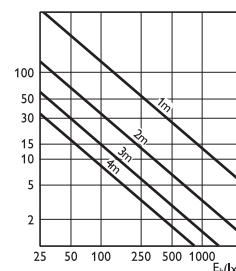
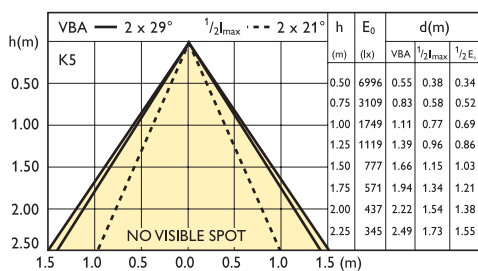
CDM-R Mini 20W 830 10d



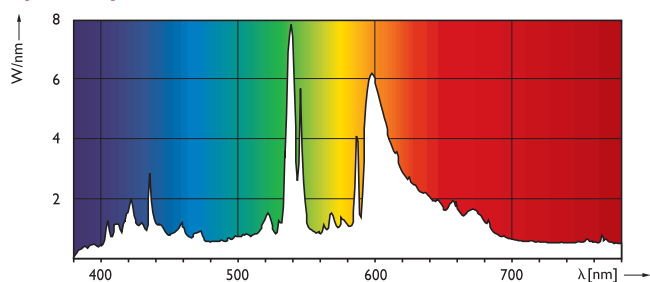
CDM-R Mini 20W 830 25d



CDM-R Mini 20W 830 40d



Spectral power distribution







CDM-i 25W E27 PAR38

Product Description

- Mains-voltage PAR38 reflector lamp with integrated gear

Product Features

- Can be used in existing luminaires for PAR38 GLS or halogen lamps
- High energy efficiency
- Crisp white light of MASTERColour CDM
- Long life with stable colour

Product Benefits

- High lamp efficacy results in low operating costs and low heat generation
- Provides better operating costs and light quality versus standard GLS or halogen PAR38 lamps
- Longer lifetime compared with GLS or halogen PAR38 lamps
- Easy installation and retrofit to existing PAR38 luminaires

Application

- Shops and shop windows for both accent and general lighting

Luminaires

- Suitable to be used in open luminaires
- Retrofit to PAR38 luminaires with E27 lamp holders

System

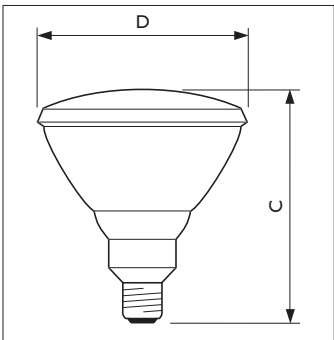
- Suitable to be used in mains voltage 220-240 V, 50/60 Hz

Environment

- Good environmental choice because of high energy efficiency and long reliable life
- Product are RoHS compliant
- Product are covered by WEEE

Recommended gear page 2.98

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CDM-i PAR38

Type	CMax	DMax
MASTERColour CDM-i 25W/830 E27 PAR38	138	124

Technical data

Type	Lamp Current (A)	Lamp Wattage (W)	Lamp Voltage (V)	Rated Lamp Wattage	Dimmable	Ignition Time (sec)	Re-ignition Time (min)	Run-up time 90% (min)	Life to 50% failures (hrs)
MASTERColour CDM-i 25W/830 E27 PAR38	0.18	25	230	25	No	30	15	3	9000

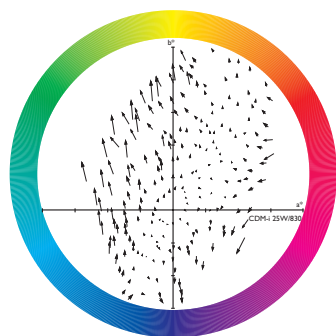
Light data

Type	Luminous Flux Lamp (lm)	Luminous Efficacy Lamp (lm/W)	Colour Designation	Colour Temperature (K)	Colour Rendering Index (Ra)	Chromaticity Coordinate X	Chromaticity Coordinate Y	Operating Position	Beam Angle (°)
MASTERColour CDM-i 25W/830 E27 PAR38 10D	1275	50	Warm White	3000	87	0.431	0.399	any	10
MASTERColour CDM-i 25W/830 E27 PAR38 25D	1275	50	Warm White	3000	87	0.431	0.399	any	25
MASTERColour CDM-i 25W/830 E27 PAR38 40D	1275	50	Warm White	3000	87	0.431	0.399	any	40

Ordering and packing data

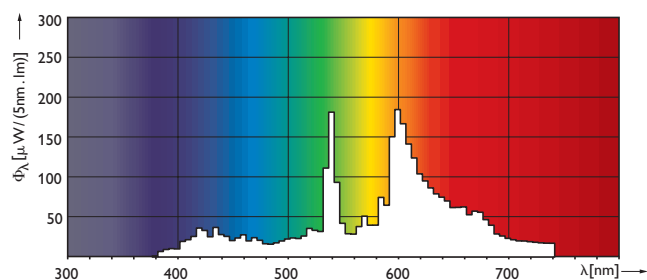
Type	ILCOS	EAN code 1 piece	Weight	Qty bulk packing	Dimensions bulk packing	EAN code bulk packing	EOC 8711500
MASTERColour CDM-i 25W/830 E27 PAR38 10D ICT	MBRS/UB-25/30/1B-E27	8711500213167	0.253 kg	6	34.4 cm x 23.3 cm x 15.8 cm	8711500213174	213167 10
MASTERColour CDM-i 25W/830 E27 PAR38 25D ICT	MBRS/UB-25/30/1B-E27	8711500213181	0.253 kg	6	34.4 cm x 23.3 cm x 15.8 cm	8711500213198	213181 10
MASTERColour CDM-i 25W/830 E27 PAR38 40D ICT	MBRS/UB-25/30/1B-E27	8711500213204	0.253 kg	6	34.4 cm x 23.3 cm x 15.8 cm	8711500213211	213204 10

CRV diagram



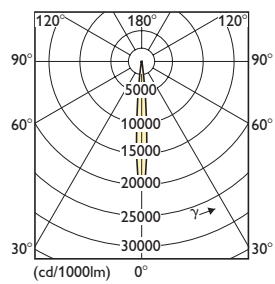
CDM-i 25W /830

Spectral power distribution

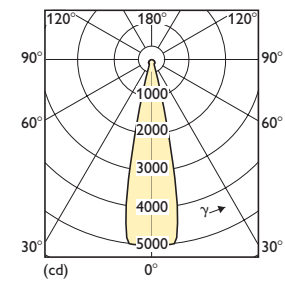
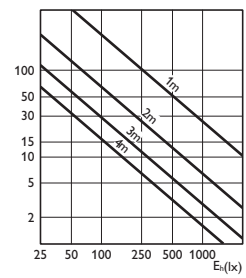
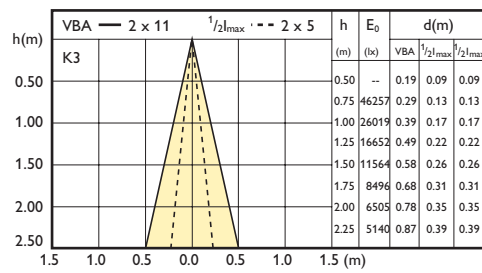


CDM-i 25W /830

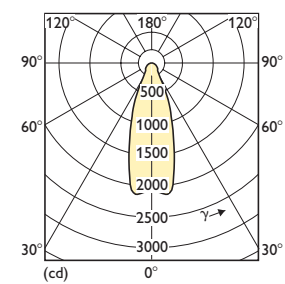
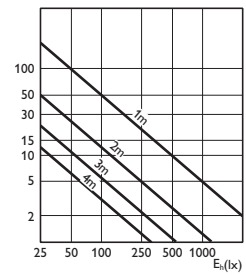
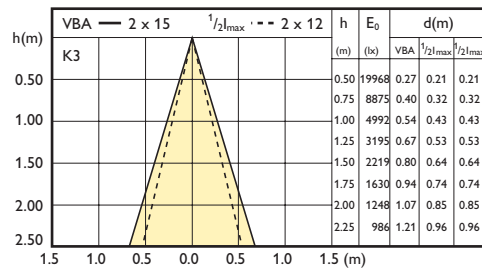
Photometric diagram



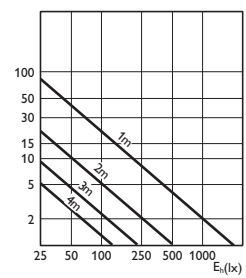
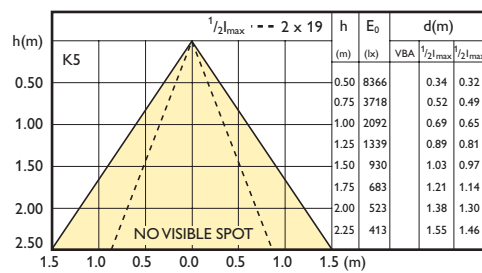
CDM-i 25W /830 10D



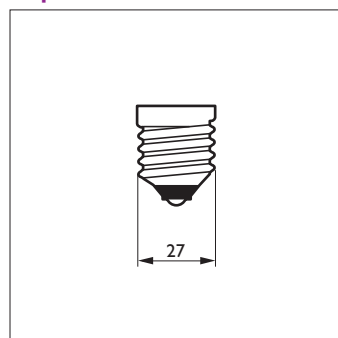
CDM-i 25W /830 25D



CDM-i 25W /830 40D

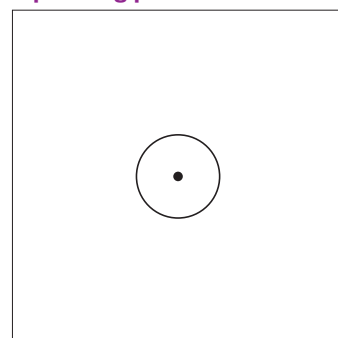


Cap Base



E27

Operating position



any





SDW-TG 50W GX12-I

Product Description

- Range of high-efficiency, discharge lamps with warm colour to be used in small, open luminaires designed around MASTERColour CDM-T lamps

Product Features

- Unique warm colour quality
- Lamp design is well-suited to be used in luminaires for MASTERColour CDM-T power-spots
- UV-block glass

Product Benefits

- Exceptional brightness and colour rendering especially of warm colours, e.g. red and gold
- High lamp efficacy results in low operating costs and low heat generation
- Long lamp life compared with incandescent and halogen lamps

Application

- Shop lighting (creates cosy atmosphere e.g. in furniture shops), excellent display of fresh goods (at butchers, bakeries, flower-shops)

System

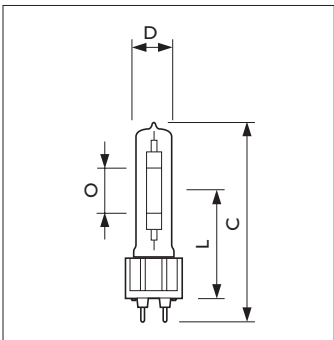
- Must be used in combination special Philips electronic gear to avoid colour shift. Not designed to be used in combination with gear and colour control (CSLS) unit

Environment

- Good environmental choice because of high energy efficiency and long reliable life
- This product is RoHS compliant
- This product is covered by WEEE

Recommended gear page 2.98

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SDW-TG

Type	CMax	DMax	LMin	LNom	LMax	ONom
MASTER SDW-TG Mini 50W/825 GX12-I 1CT	103	20	53.5	55	56.5	14.5
MASTER SDW-TG Mini 100W/825 GX12-I 1CT	110	20	54.5	56	57.5	18

Technical data



Type	Lamp Current EL (A)	Lamp Wattage EL (W)	Lamp Voltage (V)	Rated Lamp Wattage	Dimmable	Ignition Peak Voltage (V)	Ignition Supply Voltage (V)	Ignition Time (sec)
MASTER SDW-TG Mini 50W/825 GX12-I ICT	0.65	54	85	50	No	4000	205	60
MASTER SDW-TG Mini 100W/825 GX12-I ICT	1.1	99	91	100	No	4000	205	60

Technical data

Type	Re-ignition Time (min)	Run-up time 90% (min)	Life to 50% failures (hrs)
MASTER SDW-TG Mini 50W/825 GX12-I ICT	1.0	2	10000
MASTER SDW-TG Mini 100W/825 GX12-I ICT	1.5	2	10000

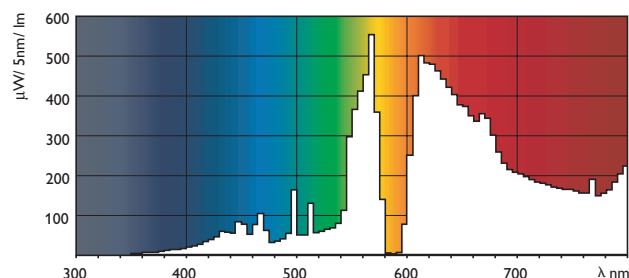
Light data

Type	Luminous Flux Lamp EL (lm)	Luminous Efficacy Lamp EL (lm/W)	Colour Designation	Colour Temperature (K)	Colour Rendering Index (Ra)	Chromaticity Coordinate X	Chromaticity Coordinate Y	Operating Position
MASTER SDW-TG Mini 50W/825 GX12-I ICT	2400	44	Golden White	2550	81	468	408	any
MASTER SDW-TG Mini 100W/825 GX12-I ICT	4900	50	Golden White	2550	83	469	406	any

Ordering and packing data

Type	ILCOS	EAN code 1 piece	Weight	Qty bulk packing	Dimensions bulk packing	EAN code bulk packing	EOC 8711500
MASTER SDW-TG Mini 50W/825 GX12-I ICT	STH-50/25/1B-GX12-I	8711500203236	0.027 kg	12	14.9 cm x 13.1 cm x 13.6 cm	8711500203243	203236 15
MASTER SDW-TG Mini 100W/825 GX12-I ICT	STH-100/25/1B-GX12-I	8711500202338	0.03 kg	12	17.5 cm x 15.6 cm x 15.9 cm	8711500202345	202338 15

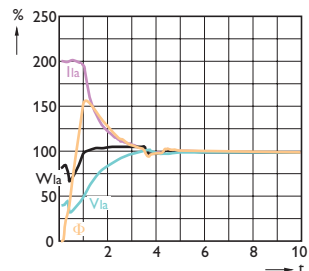
Spectral power distribution



SDW-TG

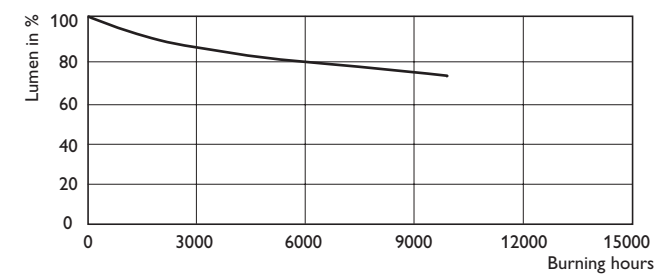
Performance diagram

Lamp performance during run up

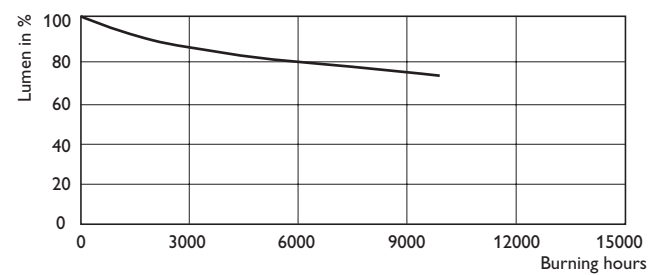


SDW-TG

Lumen maintenance diagram

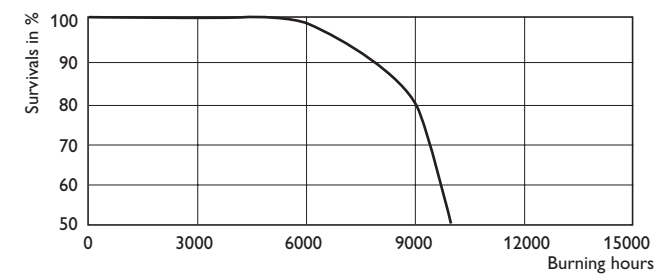


SDW-TG 50W /825

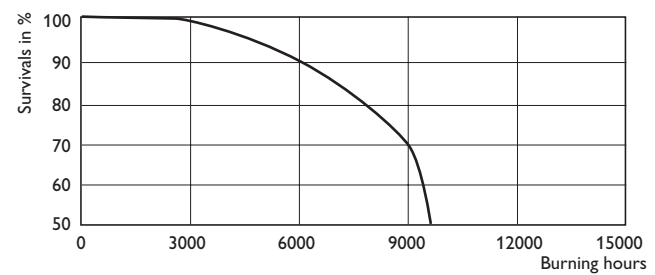


SDW-TG 100W /825

Life expectancy diagram

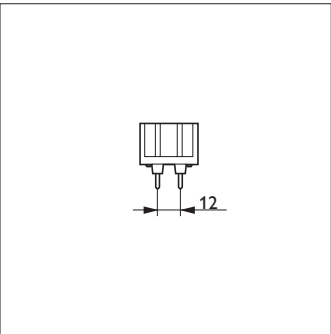


SDW-TG 50W /825 on electronic gear



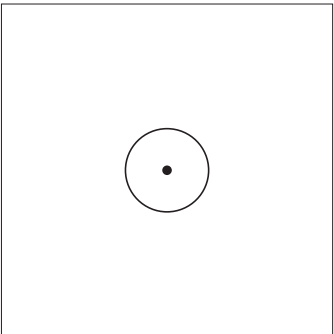
SDW-TG 100W /825 on electronic gear

Cap Base



GX12-I

Operating position



any





SDW-T 100W PG12-I

Product Description

- Range of high-efficiency, discharge lamps with warm colour to be used in open luminaires

Product Features

- Unique warm colour quality
- Lamp design is well-suited to be used in luminaires for power-spots (high intensity) and high-bay general lighting

Product Benefits

- Exceptional brightness and colour rendering especially of warm colours, e.g. red and gold
- High lamp efficacy results in low operating costs and low heat generation
- Long lamp life compared with incandescent and halogen lamps

Application

- Shop lighting (create cosy atmosphere e.g. in furniture shops), excellent display of fresh goods (at butchers, bakeries, flower-shops) and decorative outdoor lighting (gas-lantern imitation)

System

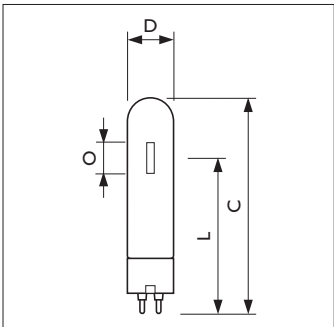
- Must be used in combination with a gear and a special Philips colour control unit (CSLS) to avoid colour shift. Not designed to be used in combination with electronic gear
- A high-current protection device (thermo-switch) in the gear is mandatory (IEC 1167)

Environment

- Good environmental choice because of high energy efficiency and long reliable life
- This product is RoHS compliant
- This product is covered by WEEE

Recommended gear page 2.98

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SDW-T

Type	CMax	DMax	LNom	ONom
MASTER SDW-T 35W/825 PG12-I SLV	149	32	91	12.7
MASTER SDW-T 50W/825 PG12-I SLV	149	32	91	15.4
MASTER SDW-T 100W/825 PG12-I SLV	149	32	91	18.3

Technical data



Type	Lamp Current EM (A)	Lamp Wattage EM (W)	Lamp Voltage (V)	Rated Lamp Wattage	Dimmable	Ignition Peak Voltage (V)	Ignition Supply Voltage (V)	Life to 50% failures (hrs)
MASTER SDW-T 35W/825 PG12-I SLV	0.48	33.0	96	35	No	5000	205	15000
MASTER SDW-T 50W/825 PG12-I SLV	0.76	53.0	92	50	No	5000	205	15000
MASTER SDW-T 100W/825 PG12-I SLV	1.31	97.0	98	100	No	5000	205	15000

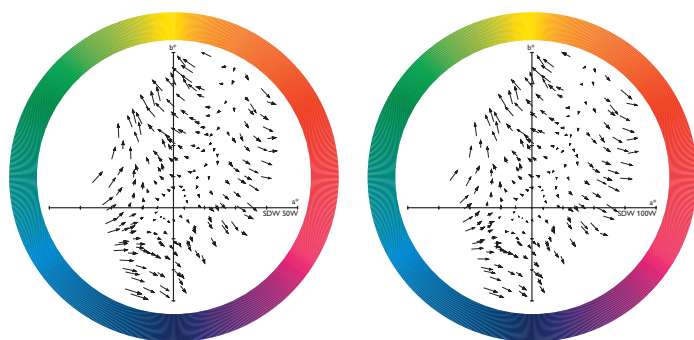
Light data

Type	Luminous Flux Lamp EM (lm)	Luminous Efficacy Lamp EM (lm/W)	Colour Designation	Colour Temperature (K)	Colour Rendering Index (Ra)	Chromaticity Coordinate X	Chromaticity Coordinate Y	Operating Position
MASTER SDW-T 35W/825 PG12-I SLV	1300	40	Golden White	2500	83	479	417	any
MASTER SDW-T 50W/825 PG12-I SLV	2300	44	Golden White	2500	83	471	409	any
MASTER SDW-T 100W/825 PG12-I SLV	5000	52	Golden White	2550	83	464	404	any

Ordering and packing data

Type	ILCOS	EAN code 1 piece	Weight	Qty bulk packing	Dimensions bulk packing	EAN code bulk packing	EOC 8711500
MASTER SDW-T 35W/825 PG12-I SLV	STH-35-H/E-PG12	8711500734020	0.048 kg	12	17.7 cm x 14.1 cm x 18.2 cm	8711500183125	734020 15
MASTER SDW-T 50W/825 PG12-I SLV	STH-50-H/E-PG12	8711500734037	0.048 kg	12	17.8 cm x 14.2 cm x 18 cm	8711500183149	734037 15
MASTER SDW-T 100W/825 PG12-I SLV	STH-100-H/E-PG12	8711500734044	0.055 kg	12	17.8 cm x 14.2 cm x 18 cm	8711500183163	734044 15
MASTER SDW-T 100W/825 PG12-I OEM SLV	STH-100-H/E-PG12	8711500202154	0.055 kg	12	17.8 cm x 14.2 cm x 18 cm	8711500202161	202154 15

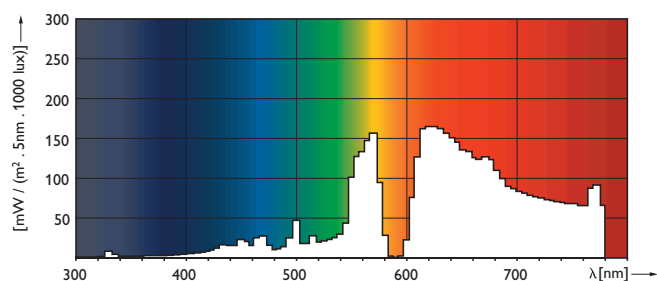
CRV diagram



SDW-T 35W/50W

SDW-T 100W

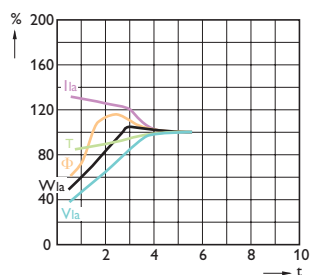
Spectral power distribution



SDW-T 35W/50W/100W

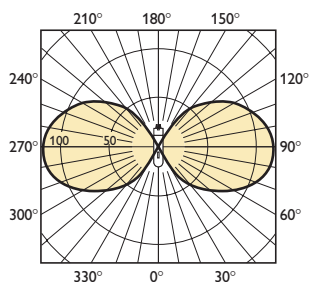
Performance diagram

Lamp performance during run up



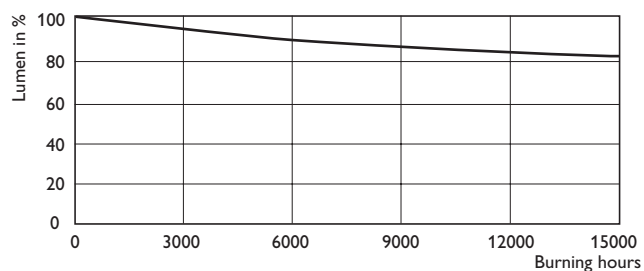
SDW-T

Photometric diagram

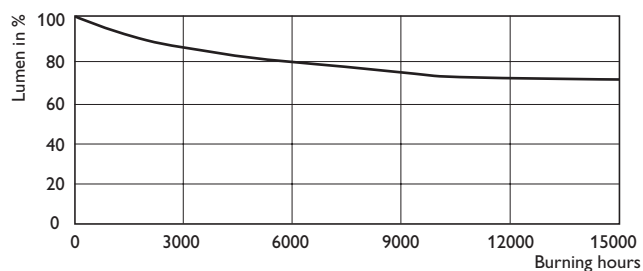


SDW-T

Lumen maintenance diagram

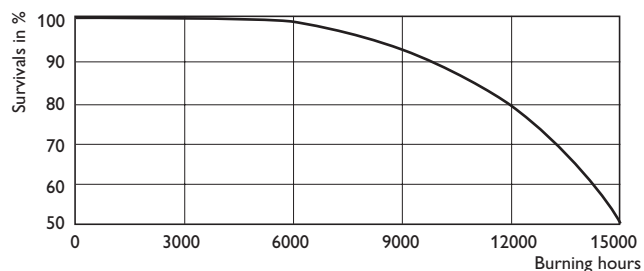


SDW-T 35W/50W /825

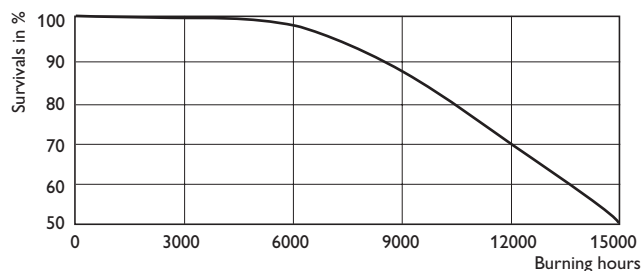


SDW-T 100W /825

Life expectancy diagram

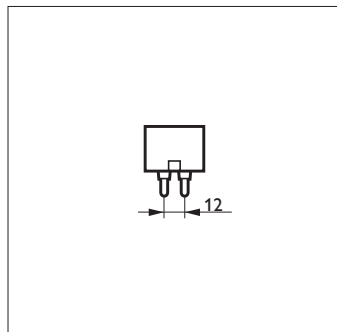


SDW-T 35W/50W /825



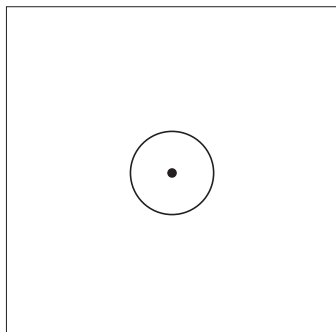
SDW-T 100W /825

Cap Base



PG12-I

Operating position



any





MHN-TD RX7s

Applications

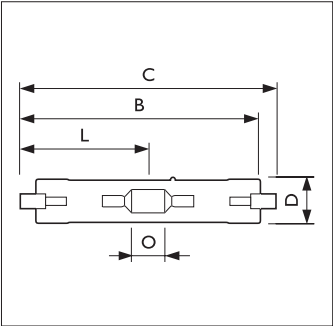
- For use in indoors - accent lighting, general lighting in downlighters, e.g. in shops and malls
- Downlighters, uplighters and wall-washers, e.g. in shops and malls
- Outdoors - floodlighting monuments, facades and billboards

Why choose?

- All types are UV-Block for reduced health and fading risks

Technical Features

- Double-ended quartz Metal halide discharge lamp
- Available in 3 colours: warm white (3000K), neutral white (4200K) and cool white (5200K), with good colour quality
- No UV output due to UV-block quartz of outer bulb
- Burning position horizontal +/-45°



70+150W

Type	A	C	D	L	O
MHN/W 70W	117.6	119.63	21	57.1	7
MHN/W 150W	135.4	137.43	24	66	18
MHN/W 250W	135.4	161.6	27.5	69.5	27

Preferred selection

Product ID	Cap/ Base	Packing Configuration	Luminous Flux Lamp Elektronik EM (lm)	Colour Temperature (K)	Operating Position	Colour Rendering Index (R _a)	Lamp Voltage (V)	Bulb Temperature max. (°C)	Lamp Current Run-up max. (A)	Order Code
MHN-TD 70W/730 RX7s ICT	RX7s	12	6200	3000	P45	75	90	500	1.35	202710 15
MHN-TD 70W/842 RX7s ICT	RX7s	12	5200	4200	P45	80	90	500	1.35	733986 15
MHN-TD 150W/730 RX7s ICT	RX7s	12	12900	3000	P45	80	96	650	2.4	202697 15
MHN-TD 150W/842 RX7s ICT	RX7s	12	11000	4200	P45	85	98	650	2.4	733993 15
MHN-TD 150W/852 RX7s ICT	RX7s	12	20000	5200	P45	85	98	650	2.4	209153 15

Product ID	Dimmable	Lamp Current EM (A)	Lamp Wattage EM (W)	Recom-mended Ballast	Ignition Peak Voltage max. (V)	Colour Designation	Bulb Finish	Luminous Efficacy Lamp Elektronik (lm/W)	Nett Weight Product (g)
MHN-TD 70W/730 RX7s ICT	No	1	75	HID-PV 070/...	5000	Warm White	Clear	83	22
MHN-TD 70W/842 RX7s ICT	No	1	75	HID-PV 070/...	5000	Neutral White	Clear	76	22
MHN-TD 150W/730 RX7s ICT	No	1.8	150	HID-PV 150/...	5000	Warm White	Clear	92	30
MHN-TD 150W/842 RX7s ICT	No	1.8	150	HID-PV 150/...	5000	Neutral White	Clear	86	30
MHN-TD 150W/852 RX7s ICT	No	1.8	150	BSN150L30	5000	Cool White	Clear	73	30



Gear for Compact HID

Philips Lighting develops and produces the widest possible selection of gear for Compact High-Intensity Discharge lamps, including electronic and conventional electromagnetic gear, controllers, ignitors and capacitors. The Philips gear family offers optimum system performance in conjunction with Philips Compact HID lamps, improving the quality of your store lighting and saving energy costs.

Electronic HID gear

Philips electronic gear is available for all CDM and SDW-TG lamp types.

- They have significant benefits over conventional copper-iron gear:
- Miniaturisation for compact design
- Flicker-free light
- Automatic compensation for mains voltage variations (198V – 254V) to extend lamp life
- Stable light output
- Reduced colour spread between lamps
- Intelligent lamp end-of-life behaviour
- Up to 30% longer life time in combination with less energy usage
- Faster, fuss-free starting
- Easier fast fit via single piece installation
- Built-in overload protection
- Excellent Total-Cost-of-Ownership (TCO) because of lower power-losses
- Reduced weight



The Philips HID electronic gear range was invented for total compatibility with Philips Compact HID lamps. Development of Compact HID lamps and gear is in one hand. Every product is tested extensively, requiring extensive life testing before a system can be released. The result is an optimal light performance.

Three types of electronic gear are available:

- Standard (/S) version for easy integration in the luminaire
- Independent (/I) version with a plastic housing (F-marked) for freestanding use

Electromagnetic HID gear

Besides electronics a broad selection of electromagnetic gear is offered for wide range of lamp types and powers from 35W up to 250 W. You can rely on the experience of Philips and the fact that all Philips lamps are fully released that performance of Philips lamps are best on Philips gear.

Depending on the specific application and/or economic considerations, Philips can supply two types of electromagnetic gear; Heavy Duty and Basic gear types.

Heavy Duty gear is fully encapsulated and have a special protected bottom-plate for humid or aggressive environment conditions or where extra long lifetime and high reliability is needed.

HID-Basic gear is impregnated for general use in enclosed applications and should not be exposed to humid environments.

All electromagnetic gear has been designed for a problem-free lifetime of 10 years continuous operation.

For MH Philips offers conventional gear with internal thermal protection. These types can be recognised by the TS indication.

For the whole range of lamps, a full range of electronic ignitors is offered. Philips prefers and advice customers to use the so-called by Philips developed semi-parallel ignitors (also called impulser type). Together with the gear these ignitors induce ignition-pulses which takes care for reliable lamp-ignition under all conditions for both new and old lamps. The advantage of the semi-parallel systems is that gear can be installed remotely (typically 20 meter between gear and lamp is possible). Furthermore has the system much lower watt losses and the ignitor is not in the lamp-current leads and thereby becomes very reliable.

Next step to reliability are the digital ignitors, these ignitor types detect faulty lamps in an early stage and prevent cycling and unnecessary stress on the system, for CDM lamps these ignitors are obligatory.

Philips gear is designed for lowest watt losses and for ease of use tapping possibilities to select mains-voltages 230/240V, 50Hz and 220/230V, to limit the tables in this OEM catalogue only 230/240V types are given.



HID-PV C 35/70 S CDM

Product Description

- Compact, lightweight, one-piece electronic gear for 35W, 70W and 150W CDM lamps

Product Features

- Minimal lamp power spread
- Microprocessor controlled
- Low gear energy losses
- Lamp end-of-life detection
- High Tambient and Tcase temperatures
- Long lifetime of 40,000 h
- Push-in contacts
- High quality (< 500 ppm)
- Quality standard by excellence in development and manufacturing processes
- Minimal lamp power tolerance gives optimal lamp performance
- Lamp life increased by up to 30% for CDM lamps
- Eliminates all visible lamp flicker
- Reduces colour differences between lamps and initial lumen spread
- Silent operation without hum
- Performance is independent of mains voltage
- Easy luminaire design-in
- Simple installation and cabling with push-in contacts
- High quality results in trouble-free installation

Applications

- 35W and 70W: accent and decorative lighting for shops and retail, public spaces, lobbies and offices
- 150W: as 35W and 70W however for high ceilings
- Climatic suitability: for indoor use only

Quality

Philips assures optimum quality regarding:

- System supplier: As supplier of HID lamps and electronic gear, Philips ensures that, from the earliest development stage, optimum lamp-gear performance is maintained
- European standards: Philips HID electronic gear comply with all relevant international rules and regulations

Compliances and approvals

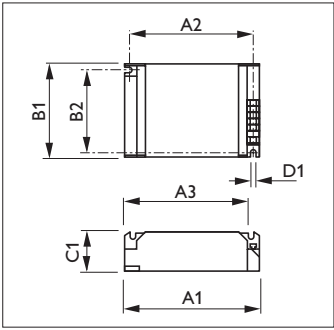
RoHS compliant

Green product for Compact 150W

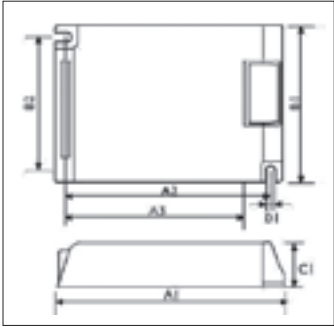
ENEC approved

Recommended lamp page 2.98

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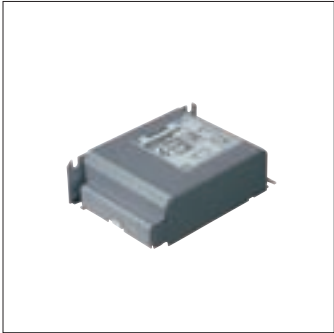


Type	AINom	A2Nom	A3Nom	BINom	B2Nom	CINom	DINom
HID-PrimaVision Compact 35/70 /S CDM 220-240V 50/60Hz	109.0	98.5	98.5	75.0	63.5	32.0	4.5
HID-PrimaVision Compact 150 /S CDM 220-240V 50/60Hz	135.0	123.5	-	75.0	63.5	32.0	4.2
HID-PrimaVision Compact 2x35 /S CDM 220-240V 50/60Hz	135.0	123.5	123.5	75.0	63.5	32.0	4.5



Type	AINom	A2Nom	A3Nom	BINom	B2Nom	CINom	DINom
HID-PrimaVision Compact 35/70 /S CDM 220-240V 50/60Hz NG	110.0	98.5	92.5	75.0	63.5	32.0	4.5

New



HID-PV C 35/70 /S



HID-PV C 150 /S

Inrush current

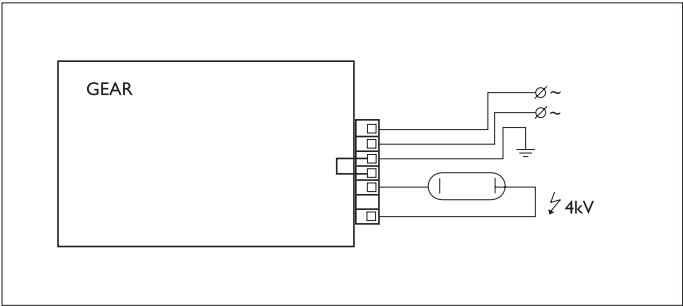
Type	Maximum gear number on MCB (x)	Inrush current Peak (A)	Inrush current Width (ms)
HID-PrimaVision Compact 35 CDM 220-240V 50/60Hz	24	26	0.25
HID-PrimaVision Compact 70/2x35 CDM 220-240V 50/60Hz	20	33	0.50
HID-PrimaVision Compact 150 CDM 220-240V 50/60Hz	6	50	0.50

Electrical data

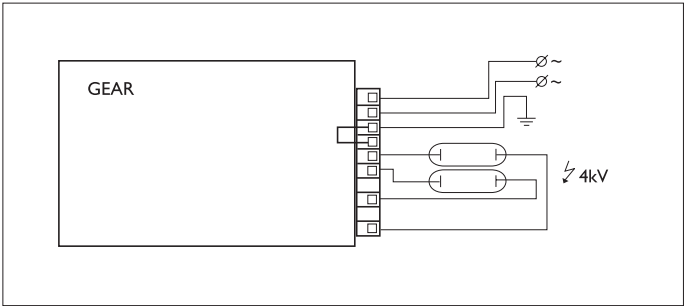
Type	Number of Lamps (x)	Rated Gear-Lamp Power	Power losses gear (W)	Line Frequency (Hz)	Line Voltage (V)	T-case life (°C)	T-case maximum (°C)	T-ambient	Ignition Voltage (kV)	Cable-Cap outputwires mutual (pF)
HID-PrimaVision Compact 35 /S	1	35	4.5	50/60	220-240	80	80	50	5.0	100
HID-PrimaVision Compact 70 /S	1	70	6.5	50/60	220-240	70	80	55	5.0	100
HID-PrimaVision Compact 150 /S	1	150	10.0	50/60	220-240	75	85	60	5.0	200
HID-PrimaVision Compact 2x35 /S	2	35	13.0	50/60	220-240	70	80	55	4.5	120

Ordering and packing data

Type		Weight	Qty bulk packing	Dimensions bulk packing	EAN code bulk packing	EOC
HID-PrimaVision Compact 35 /S CDM 220-240V 50/60Hz NG	New	0.22 kg	12	30.6 cm x 21.2 cm x 9.7 cm	8710163209319	209319 00
HID-PrimaVision Compact 70 /S CDM 220-240V 50/60Hz NG	New	0.24 kg	12	30.6 cm x 21.2 cm x 9.7 cm	8710163209333	209333 00
HID-PrimaVision Compact 150 /S CDM 220-240V 50/60Hz		0.36 kg	12	33.3 cm x 26.4 cm x 11.7 cm	8711500910530	910523 30
HID-PrimaVision Compact 2x35 /S CDM 220-240V 50/60Hz		0.271 kg	12	31 cm x 21.9 cm x 10.6 cm	8711500932730	932723 30



HID-PV C 35/70/150 /S



HID-PV C 2x35 /S





HID-PV C 35/70 /I SOFT START

Product Description

- Compact, lightweight, one-piece electronic gear for 35W, 70W and 150W CDM lamps

Product Features

- Available as Independent (/I) for independent use on a (false) ceiling.
- Minimal lamp power spread
- Microprocessor controlled
- Low gear energy losses
- Lamp end-of-life detection
- High Tambient and Tcase temperatures
- Long lifetime of 40,000 h
- Push-in contacts
- Integrated strain relief
- High quality (< 500 ppm)
- Quality standard by excellence in development and manufacturing processes
- Minimal lamp power tolerance gives optimal lamp performance
- Lamp life increased by up to 30% for CDM lamps
- Eliminates all visible lamp flicker
- Reduces colour differences between lamps and initial lumen spread
- Silent operation without hum
- Performance is independent of mains voltage
- Simple installation and cabling with push-in contacts and integrated strain relief
- High quality results in trouble-free installations

Applications

- 35W and 70W: accent and decorative lighting for shops and retail, public spaces, lobbies and offices
- 150W: as 35W and 70W however for high ceilings
- Climatic suitability: for indoor use only

Quality

Philips assures optimum quality regarding:

- System supplier: As supplier of HID lamps and electronic gear, Philips ensures that, from the earliest development stage, optimum lamp-gear performance is maintained
- European standards: Philips HID electronic gear comply with all relevant international rules and regulations

Compliances and approvals

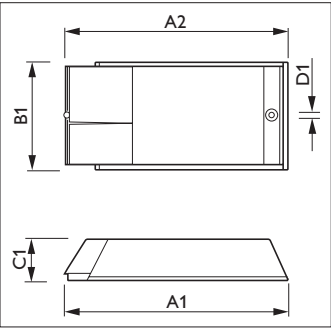
RoHS compliant

Green product for Compact 150W

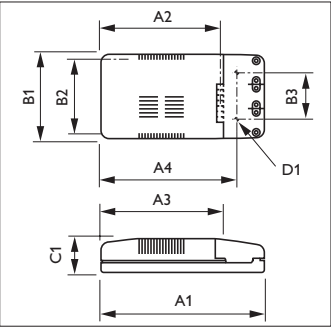
ENEC approved

Recommended lamp page 2.104

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Type	A1Nom	A2Nom	B1Nom	B3Nom	C1Nom	D1Nom
HID-PrimaVision Compact 35/70 /I CDM 220-240V 50/60Hz SOFT START	188.0	170.0	83.0	-	34.5	4.8
HID-PrimaVision Compact 150 /I CDM 220-240V 50/60Hz	223.9	206.0	82.9	38.5	37.5	4.8



Type	A1Nom	A2Nom	A3Nom	A4Nom	B1Nom	B2Nom	B3Nom	C1Nom	D1Nom
HID-PrimaVision Compact 2x35 /I CDM 220-240V 50/60Hz	175.0	123.5	138.5	151.5	79.5	63.5	50.0	35.0	4.5
HID-PrimaVision Compact 35/70 /I CDM 220-240V 50/60Hz	150.0	98.5	113.5	126.5	79.5	63.5	50.0	35.0	4.5



HID-PV C 35/70 /I



HID-PV C 150 /I

Inrush current

Type	Maximum gear number on MCB (x)	Inrush current Peak (A)	Inrush current Width (ms)
HID-PrimaVision Compact 35 /I CDM 220-240V 50/60Hz SOFT START	58	9	2.5
HID-PrimaVision Compact 35 /I CDM 220-240V 50/60Hz	24	24	0.35
HID-PrimaVision Compact 70 /I CDM 220-240V 50/60Hz SOFT START	32	9	2.5
HID-PrimaVision Compact 70 /I CDM 220-240V 50/60Hz	14	33	0.5
HID-PrimaVision Compact 150 /I CDM 220-240V 50/60Hz	6	50	0.50
HID-PrimaVision Compact 2x35/I CDM 220-240V 50/60Hz	tbif	tbif	tbif

Electrical data

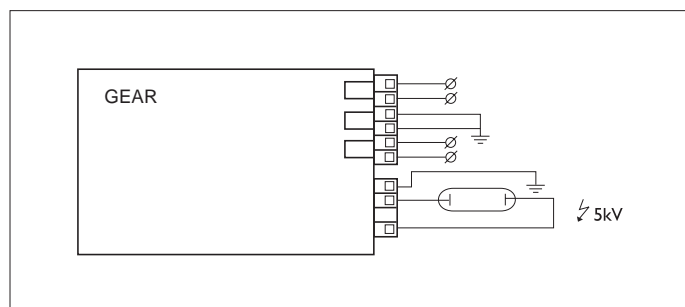
Type	Number of Lamps (x)	Rated Gear-Lamp Power	Power losses gear (W)	Line Frequency (Hz)	Line Voltage (V)	T-case life (°C)	T-case maximum (°C)	T-ambient
HID-PrimaVision Compact 35 /I CDM 220-240V 50/60Hz SOFT START	1	35	4.5	50/60	220-240	80	80	50
HID-PrimaVision Compact 35 /I CDM 220-240V 50/60Hz	1	35	4.5	50/60	220-240	70	80	55
HID-PrimaVision Compact 70 /I CDM 220-240V 50/60Hz SOFT START	1	70	6.8	50/60	220-240	75	75	45
HID-PrimaVision Compact 70 /I CDM 220-240V 50/60Hz	1	70	6.5	50/60	220-240	70	80	45
HID-PrimaVision Compact 150 /I CDM 220-240V 50/60Hz	1	150	10.0	50/60	220-240	70	80	45
HID-PrimaVision Compact 2x35 /I CDM 220-240V 50/60Hz	2	35	13.0	50/60	220-240	70	80	55

Electrical data

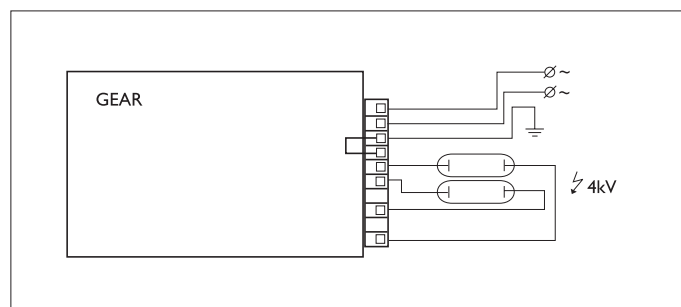
Type	Ignition Voltage (kV)	Cable-Cap outputwires mutual (pF)
HID-PrimaVision Compact 35 /I CDM 220-240V 50/60Hz SOFT START	5.0	150
HID-PrimaVision Compact 35 /I CDM 220-240V 50/60Hz	4.5	120
HID-PrimaVision Compact 70 /I CDM 220-240V 50/60Hz SOFT START	5.0	150
HID-PrimaVision Compact 70 /I CDM 220-240V 50/60Hz	4.5	120
HID-PrimaVision Compact 150 /I CDM 220-240V 50/60Hz	5.0	200
HID-PrimaVision Compact 2x35 /I CDM 220-240V 50/60Hz	4.5	120

Ordering and packing data

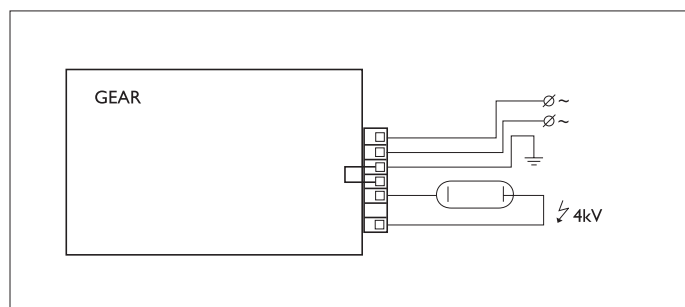
Type	Weight	Qty bulk packing	Dimensions bulk packing	EAN code bulk packing	EOC 8711500
HID-PrimaVision Compact 35 // CDM 220-240V 50/60Hz SOFT START	0.345 kg	12	23.6 cm x 18.5 cm x 20.5 cm	8711500914798	914781 30
HID-PrimaVision Compact 35 // CDM 220-240V 50/60Hz	0.242 kg	12	31.1 cm x 17.1 cm x 13.7 cm	8711500930132	930125 30
HID-PrimaVision Compact 70 // CDM 220-240V 50/60Hz SOFT START	0.345 kg	12	23.6 cm x 18.5 cm x 20.5 cm	8711500914774	914767 30
HID-PrimaVision Compact 70 // CDM 220-240V 50/60Hz	0.242 kg	12	31.1 cm x 17.1 cm x 13.7 cm	8711500930170	930163 30
HID-PrimaVision Compact 150 // CDM 220-240V 50/60Hz	0.48 kg	10	24.4 cm x 19.3 cm x 21.7 cm	8711500912886	912879 30
HID-PrimaVision Compact 2x35 // CDM 220-240V 50/60Hz	0.271 kg	12	36.1 cm x 17.1 cm x 13.9 cm	8711500933317	933300 30



HID-PV C 35/70 SOFT START // 150 //



HID-PV C 2x35 //



HID-PV C 35/70 //



HID-PV m /S

Product Description

- Miniature, lightweight, one-piece electronic gear for 20W and 35W CDM Mini and 35W CDM lamps

Product Features

- Available as Standard (/S) for use in a luminaire
- 20W available as High Power Factor (HPF) and Low Power Factor (LPF)
- Smallest gear available
- Minimal lamp power spread
- Microprocessor controlled
- Resonant ignition voltage <1.5kV (20W) and <2.0kV (35W)
- Lamp end-of-life detection
- High Tambient and Tcase temperatures
- Long lifetime of 40,000 h
- Push-in contacts
- High quality (< 500 ppm)
- Quality standard by excellence in development and manufacturing processes
- Miniaturisation for stylish luminaire design and retrofit halogen replacement
- Minimal lamp power tolerance gives optimal lamp performance
- Robust ignition by resonant ignition
- Reduces colour differences between lamps and initial lumen spread
- Silent operation
- Performance is independent of mains voltage
- Easy luminaire design-in
- Simple installation and cabling with push-in contacts
- High quality results in trouble-free installation

Applications

- Accent and decorative lighting for shops and retail, public spaces, lobbies and offices
- Climatic suitability: for indoor use only

Quality

Philips assures optimum quality regarding:

- System supplier: As supplier of HID lamps and electronic gear, Philips ensures that, from the earliest development stage, optimum lamp-gear performance is maintained
- European standards: Philips HID electronic gear comply with all relevant international rules and regulations

Compliances and approvals

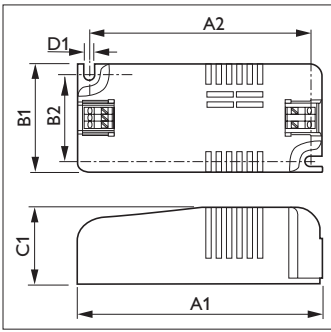
RoHS compliant

Green product

ENEC approved

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Type	AINom	A2Nom	BINom	CINom	DINom
HID-PrimaVision mini 20/35 CDM LPF/HPF 220-240V 50/60Hz	97.3	88.0	43.3	30.0	4.2

Inrush current

Type	Maximum gear number on MCB (x)	Inrush current Peak (A)	Inrush current Width (ms)
HID-PrimaVision mini 1x020/S mCDM LPF 220-240V	36	30	0.40
HID-PrimaVision mini 1x020/S CDM HPF 220-240V	24	15	0.40
HID-PrimaVision mini 35/S CDM HPF 220-240V 50/60Hz	tbf	tbf	tbf

Electrical data

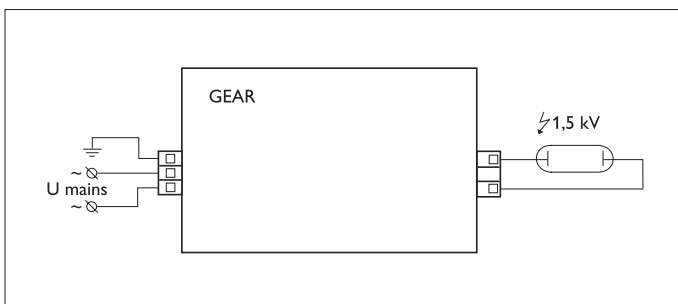
Type	Number of Lamps (x)	Rated Gear-Lamp Power	Power losses gear (W)	Line Frequency (Hz)	Line Voltage (V)	T-case life (°C)	T-case maximum (°C)	T-ambient
HID-PrimaVision mini 20/S CDM LPF 220-240V 50/60Hz	1	20	3	50/60	220-240	65	75	50
HID-PrimaVision mini 20/S CDM HPF 220-240V 50/60Hz	1	20	4	50/60	220-240	85	85	50
HID-PrimaVision mini 35/S CDM HPF 220-240V 50/60Hz	1	35	6.0	50/60	220-240	85	85	50

Electrical data

Type	Ignition Voltage (kV)	Cable-Cap outputwires mutual (pF)
HID-PrimaVision mini 1x020/S mCDM LPF 220-240V	1.4	200
HID-PrimaVision mini 1x020/S CDM HPF 220-240V	1.5	200
HID-PrimaVision mini 1x035/S CDM HPF 220-240V	2.0	200

Ordering and packing data

Type	Weight	Qty bulk packing	Dimensions bulk packing	EAN code bulk packing	EOC 8711500
HID-PrimaVision mini 1x020/S mCDM LPF 220-240V	0.079 kg	12	18.5 cm x 11.5 cm x 12 cm	8711500536099	536082 30
HID-PrimaVision mini 1x020/S CDM HPF 220-240V	0.16 kg	12	18.5 cm x 11 cm x 11.9 cm	8711500912374	912367 30
HID-PrimaVision mini 1x035/S CDM HPF 220-240V	0.168 kg	12	18.5 cm x 11 cm x 11.9 cm	8711500910639	910622 30



HID-PV m 20/35 LPF/HPF /S



HID-PV m 35/I

Product Description

- Miniature, lightweight, one-piece electronic gear for 20W and 35W CDM Mini and 35W CDM lamps

Product Features

- Available as Independent (I) for independent use on a (false) ceiling.
- Minimal lamp power spread
- Microprocessor controlled
- Resonant ignition voltage <1.5kV (20W) and <2.0kV (35W)
- Lamp end-of-life detection
- High Tambient and Tcase temperatures
- Long lifetime of 40,000 h
- 20W available as High Power Factor (HPF)* and Low Power Factor (LPF)
- Push-in contacts
- Integrated strain relief
- High quality (< 500 ppm)
- Quality standard by excellence in development and manufacturing processes
- Miniature system for stylish luminaire design and retro-fit halogen replacement
- Minimal lamp power tolerance gives optimal lamp performance
- Robust ignition by resonant ignition
- Reduces colour differences between lamps and initial lumen spread
- Silent operation
- Performance is independent of mains voltage
- Easy design-in into the luminaire
- Simple installation and cabling with push-in contacts and with integrated strain relief
- High quality results in trouble-free installation

* available Q4 2009

Applications

- Accent and decorative lighting for shops and retail, public spaces, lobbies and offices
- Climatic suitability: for indoor use only

Quality

Philips assures optimum quality regarding:

- System supplier: As supplier of HID lamps and electronic gear, Philips ensures that, from the earliest development stage, optimum lamp-gear performance is maintained
- European standards: Philips HID electronic gear comply with all relevant international rules and regulations

Compliances and approvals

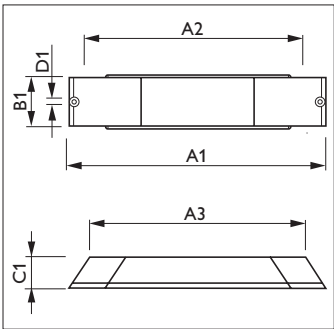
RoHS compliant

Green product

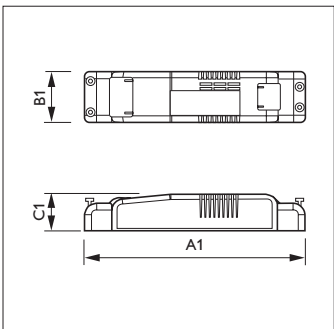
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Type	A1Nom	A2Nom	A3Nom	B1Nom	C1Nom	D1Nom
HID-PrimaVision mini 35/I	234.7	225.1	202.0	49.4	34.0	4.8



Type	A1Nom	A2Nom	B1Nom	C1Nom	D1Nom
HID-PrimaVision mini 20/I CDM	190.0	154.0	43.3	30.0	4.2



HID-PV m 20/I

Inrush current

Type	Maximum gear number on MCB (x)	Inrush current Peak (A)	Inrush current Width (ms)
HID-PrimaVision mini 1x035/I CDM 220-240V 50/60Hz	24	15	0.25
HID-PrimaVision mini 1x020/I mCDM LPF 220-240V	48	30	0.40

Electrical data

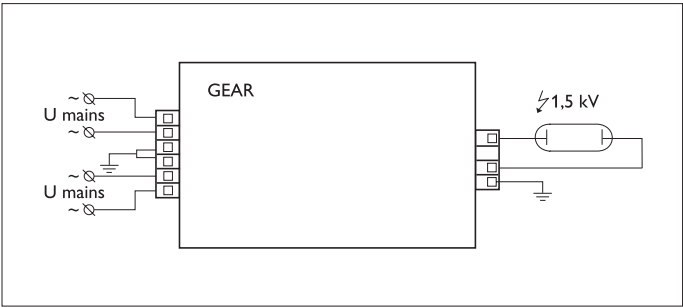
Type	Number of Lamps (x)	Rated Gear-Lamp Power	Power losses gear (W)	Line Frequency (Hz)	Line Voltage (V)	T-case life (°C)	T-case maximum (°C)	T-ambient
HID-PrimaVision mini 1x035/I CDM 220-240V 50/60Hz	1	35	6.0	50/60	220-240	80	80	45
HID-PrimaVision mini 1x020/I mCDM LPF 220-240V	1	20	3	50/60	220-240	65	75	50

Electrical data

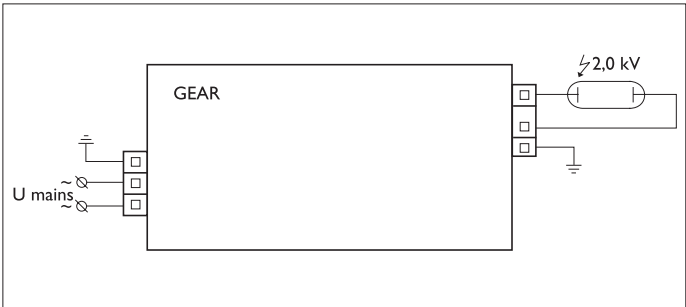
Type	Ignition Voltage (kV)	Cable-Cap outputwires mutual (pF)
HID-PrimaVision mini 1x035/I CDM 220-240V 50/60Hz	2.0	200
HID-PrimaVision mini 1x020/I mCDM LPF 220-240V	1.5	200

Ordering and packing data

Type	Weight	Qty bulk packing	Dimensions bulk packing	EAN code bulk packing	EOC 8711500
HID-PrimaVision mini 1x035/I CDM 220-240V 50/60Hz	0.312 kg	10	35.8 cm x 28.8 cm x 12.9 cm	8711500913920	913913 30
HID-PrimaVision mini 1x020/I mCDM LPF 220-240V	0.14 kg	12	20.2 cm x 18.5 cm x 12.6 cm	8711500909824	909817 30



HID-PV m 20/I



HID-PV m 35/I





HID-PV 70 /S

Product Description

- Solid, one-piece electronic gear for 150W MH and CDM lamps and 70W CDM lamps

Product Features

- For use with Ceramic Discharge Lamps (CDM) and/or Metal Halide lamps (MH)
- Available as Standard (/S) for use in a luminaire, or with separate strain relief for independent use on a (false) ceiling
- For 70W CDM: Digital DALI interface for communication with the gear
- Minimal lamp power spread
- Microprocessor controlled
- Lamp end-of-life detection
- High Tambient and Tcase temperatures allowed
- Long lifetime of 40,000 h
- Eliminates all visible lamp flicker
- Reduces colour differences between lamps and initial lumen spread
- Silent operation without hum
- Performance is independent of mains voltage
- Lamp life increased by up to 30% (CDM) or 50% (MH)
- Simple installation and cabling
- Push-in connectors
- Separate strain-relief
- For 70W: DALI interface enables communication with gear for switching on/off and read-out of status

Application

- 70W: accent and decorative, shops and retail, indoor public spaces, lobbies and offices
- 150W: as 70W for high ceilings
- Climatic suitability: for indoor and outdoor applications due to plastic housing and potting

Quality

Philips Quality assures optimum quality regarding:

- System supplier: As manufacturers of lamps and electronic control gear, Philips ensures that, from the earliest development stage, optimum lamp/gear performance is maintained
- European standards: Philips HID electronic gears comply with all relevant international rules and regulations

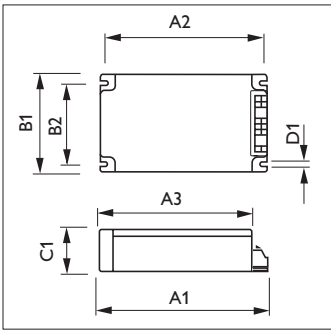
Compliances and approvals

RoHS compliant

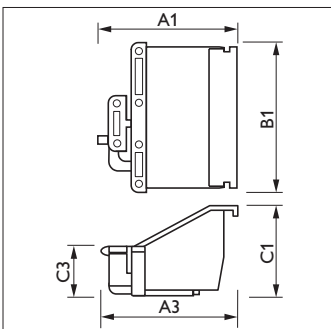
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Type	A1Nom	A2Nom	A3Nom	B1Nom	B2Nom	C1Nom	D1Nom
HID-PrimaVision 70/150 /S MH/CDM 220-240V 50/60Hz	150.0	134.0	136.0	90.0	70.0	40.0	4.5



Type	A1Nom	A3Nom	B1Nom	C1Nom	C3Nom
HID-STRAIN RELIEF	40	40	62	30	16



HID-PV DALI 70/S



HID-STRAIN RELIEF

Inrush current

Type	Maximum gear number on MCB (x)	Inrush current Peak (A)	Inrush current Width (ms)
HID-PrimaVision 150 /S MH/CDM 220-240V 50/60Hz	9		0.50
HID-PrimaVision DALI 70 /S CDM 220-240V 50/60Hz	11	40	0.58

HID-PrimaVision (potted) for MH/CDM lamps

Electrical data

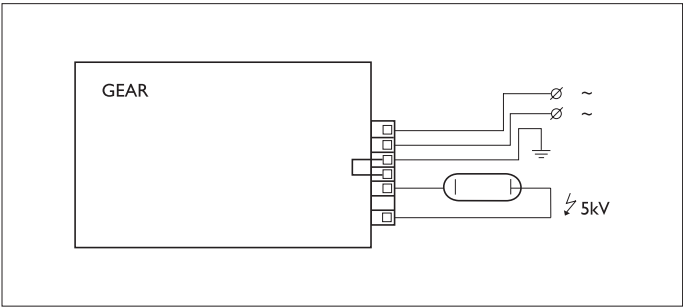
Type	Number of Lamps (x)	Rated Gear-Lamp Power	Power losses gear (W)	Line Frequency (Hz)	Line Voltage (V)	T-case life (°C)	T-case maximum (°C)	T-ambient
HID-PrimaVision 150 /S MH/CDM 220-240V 50/60Hz	1	150		50/60	220-240	90	100	50
HID-PrimaVision DALI 70 /S CDM 220-240V 50/60Hz	1	70	7.0	50/60	220-240	90	100	50

Electrical data

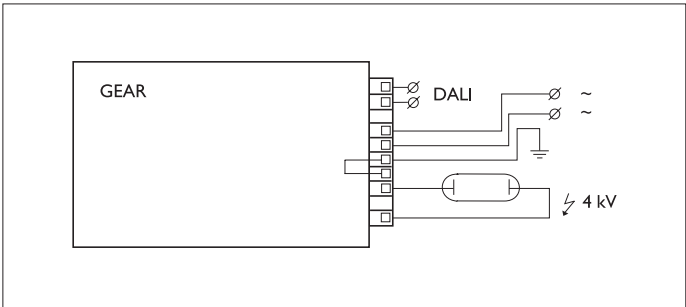
Type	Ignition Voltage (kV)	Cable-Cap outputwires mutual (pF)
HID-PrimaVision 150 /S MH/CDM 220-240V 50/60Hz	4.50	120
HID-PrimaVision DALI 70 /S CDM 220-240V 50/60Hz	4.00	120

Ordering and packing data

Type	Weight	Qty bulk packing	Dimensions bulk packing	EAN code bulk packing	EOC 8711500
HID-PrimaVision 150 /S MH/CDM 220-240V 50/60Hz	0.725 kg	10	39.8 cm x 16 cm x 11.1 cm	8711500748768	748751 30
HID-PrimaVision DALI 70 /S CDM 220-240V 50/60Hz	0.725 kg	10	39.8 cm x 16 cm x 11.1 cm		910486 30
HID-STRAIN RELIEF	0.022 kg	10	15.5 cm x 13.7 cm x 8.5 cm	8711500539878	539861 30



HID-PV 150 /S



HID-PV DALI 70 /S





HID-PV 250 /S

Product Description

- Solid, one-piece electronic gear for medium wattage CDM lamps (250W)

Features and Benefits

- For use with Ceramic Discharge Lamps (CDM)
- Available as Standard (/S) for use in a luminaire
- Minimal lamp power spread
- Microprocessor controlled
- Lamp end-of-life detection
- High Tambient and Tcase temperatures
- Long lifetime of 40,000 h
- Eliminates all visible lamp flicker
- Reduces colour differences between lamps and initial lumen spread
- Silent operation without hum
- Performance is independent of mains voltage
- Lamp life increased by up to 30% for CDM lamps
- Simple installation and cabling
- Push-in connectors

Applications

- High bay shop lighting
- Flood lighting
- Climatic suitability: for indoor and outdoor applications due to plastic housing and potting

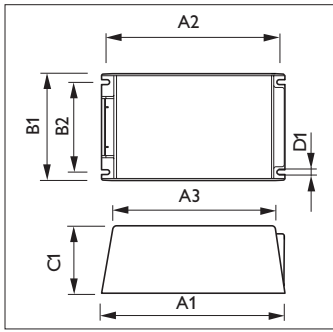
Quality

Philips assures optimum quality regarding:

- System supplier: As supplier of HID lamps and electronic gear, Philips ensures that, from the earliest development stage, optimum lamp-gear performance is maintained
- European standards: Philips HID electronic gear comply with all relevant international rules and regulations

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Type	A1Nom	A2Nom	B1Nom	B2Nom	C1Nom	D1Nom
HID-PrimaVision 250 /S CDM 220-240V 50/60Hz	166.0	156.0	97.0	81.5	61.0	4.2

Inrush current

Type	Maximum gear number on MCB (x)	Inrush current Peak (A)	Inrush current Width (ms)
HID-PrimaVision 250 /S CDM 220-240V 50/60Hz	9	35	1

Electrical data

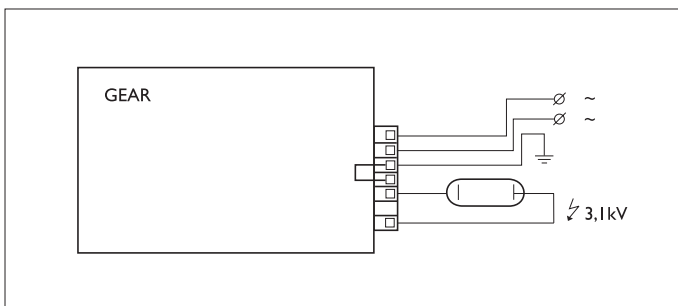
Type	Number of Lamps (x)	Rated Gear-Lamp Power	Power losses gear (W)	Line Frequency (Hz)	Line Voltage (V)	T-case life (°C)	T-case maximum (°C)	T-ambient
HID-PrimaVision 250 /S CDM 220-240V 50/60Hz	1	250	22	50/60	220-240	80	90	55

Electrical data

Type	Ignition Voltage (kV)	Cable-Cap outputwires mutual (pF)
HID-PrimaVision 250 /S CDM 220-240V 50/60Hz	3.1	300

Ordering and packing data

Type	Weight	Qty bulk packing	Dimensions bulk packing	EAN code bulk packing	EOC 8711500
HID-PrimaVision 250 /S CDM 220-240V 50/60Hz	1.4 kg	6	39.5 cm x 18.4 cm x 13.2 cm	8711500909831	909572 30



HID-PV



HID-PV C 50/100 /S

Product Description

- Lightweight, one-piece electronic gear for 50W and 100W SDW-TG lamps (mini White SON)

Product Features

- Available as Standard (/S) for use in a luminaire, or with separate strain relief for independent use on a (false) ceiling
- Minimal lamp power spread
- Lamp end-of-life detection
- High Tambient and Tcase temperatures allowed
- Long lifetime of 40,000 h
- Independent use with separate strain relief
- High quality (< 500 ppm)
- Quality standard by excellence in development and manufacturing processes
- Minimal lamp power tolerance gives optimal lamp performance
- Reduces colour differences between lamps and initial lumen spread
- Silent operation
- Performance is independent of mains voltage
- Easy luminaire design-in
- High quality results in trouble-free installations

Applications

- Shop lighting (creates a cosy atmosphere, e.g. in furniture shops), excellent display of fresh goods (e.g. in butchers, bakeries, florists)
- Climatic suitability: for indoor use only

Quality

Philips assures optimum quality regarding:

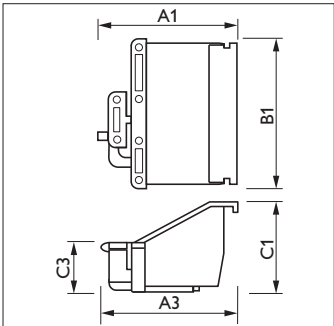
- System supplier: As supplier of HID lamps and electronic gear, Philips ensures that, from the earliest development stage, optimum lamp-gear performance is maintained
- European standards: Philips HID electronic gear comply with all relevant international rules and regulations

Compliances and approvals

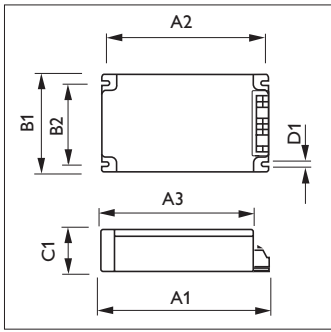
RoHS compliant
ENEC approved

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Type	AINom	A3Nom	BINom	CINom	C3Nom
HID-STRAIN RELIEF	40	40	62	30	16



HID-STRAIN RELIEF

Type	A1Nom	A2Nom	A3Nom	B1Nom	B2Nom	C1Nom	D1Nom
HID-PrimaVision 50 /S/100 S	150	134	136	90	70	38	4.5

Inrush current

Type	Maximum gear number on MCB (x)	Inrush current Peak (A)	Inrush current Width (ms)
HID-PrimaVision 50 /S SDW-TG 220-240V 50/60Hz	24	24	0.35
HID-PrimaVision 100 /S SDW-TG 220-240V 50/60Hz	14	33	0.50

Electrical data

Type	Number of Lamps (x)	Rated Gear-Lamp Power	Power losses gear (W)	Line Frequency (Hz)	Line Voltage (V)	T-case life (°C)	T-case maximum (°C)	T-ambient
HID-PrimaVision 50 /S SDW-TG 220-240V 50/60Hz	1	50	6	50/60	220-240	75	85	60
HID-PrimaVision 100 /S SDW-TG 220-240V 50/60Hz	1	100	9	50/60	220-240	75	85	60

Electrical data

Type	Ignition Voltage (kV)	Cable-Cap outputwires mutual (pF)
HID-PrimaVision 50 /S SDW-TG 220-240V 50/60Hz	4.0	200
HID-PrimaVision 00 /S SDW-TG 220-240V 50/60Hz	4.0	200

Ordering and packing data

Type	EAN code 1 piece	Weight	Qty bulk packing	Dimensions bulk packing	EAN code bulk packing	EOC 8711500
HID-PrimaVision 50 /S SDW-TG 220-240V 50/60Hz	8711500909107	0.31 kg	10	39.8 cm x 16 cm x 11.1 cm	8711500909121	909107 30
HID-PrimaVision 100 /S SDW-TG 220-240V 50/60Hz	8711500909084	0.35 kg	10	39.8 cm x 16 cm x 11.1 cm	8711500909091	909084 30
HID-STRAIN RELIEF	8711500539861	0.022 kg	10	15.5 cm x 13.7 cm x 8.5 cm	8711500539878	539861 30



CSLS

Product Description

- CSLS electronic control unit with impregnated (HID 'BASIC') or encapsulated (HID 'Heavy Duty') electromagnetic gears

Features and Benefits

- Electronic control unit ensures reliable starting and stabilizes lamp power for optimum performance (minimum colour deviation)
- Gears and electronic control units equipped with screw terminal blocks; other contact possibilities for gears on request
- Earthing-while-mounting facility (HID 'BASIC' gears); separate earth terminal (HID 'Heavy Duty')
- Simple installation and cabling

Applications

- Similar to those of the related lamps
- Climatic suitability:
 - CSLS + HID 'BASIC': restricted to built-in situations under normal conditions
 - CSLS + HID 'Heavy Duty': use in luminaires under humid conditions (not drip-proof)

Quality

Philips Quality assures optimum quality regarding:

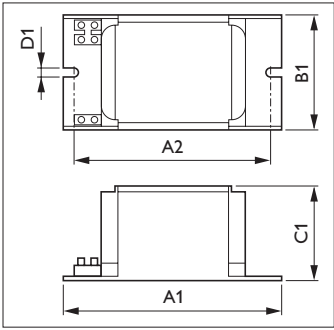
- System supplier: As manufacturers of lamps and electronic control gear, Philips ensures that, from the earliest development stage, optimum lamp/gear performance is maintained.
- European standards: Philips HID electronic gears comply with all relevant international rules and regulations.

Compliances and approvals

HID-em	
Safety	EN 61347-2-9
Performance	EN 60923
RFI	EN 55015
Harmonics	EN 61000-3-2
EMC immunity	EN 61547
Approval marking	ENEC
CE-marking	
Environmental standard	ISO 14001
HID-ignitors	
Safety	EN 61347-2-1
Performance	EN 60927
RFI	EN 55015
Harmonics	EN 61000-3-2
EMC immunity	EN 61547
Approval marking	ENEC
CE-marking	
Environmental standard	ISO 14001

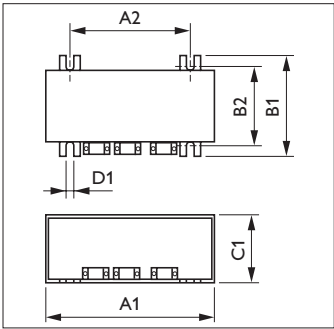
Recommended lamp page 2.98

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BSL

Type	AINom	A2Nom	BINom	CINom	DINom
BSL 35/50/100 L307 230/240V 50Hz	118.0	94.0	61.0	52.0	6.2



CSLS

Type	AINom	A2Nom	BINom	B2Nom	CINom	DINom
CSLS 35/50/100 SDW-T 220-240V 50/60Hz	98.0	70.0	58.5	46.0	39.5	4.5



BSL

Electrical data

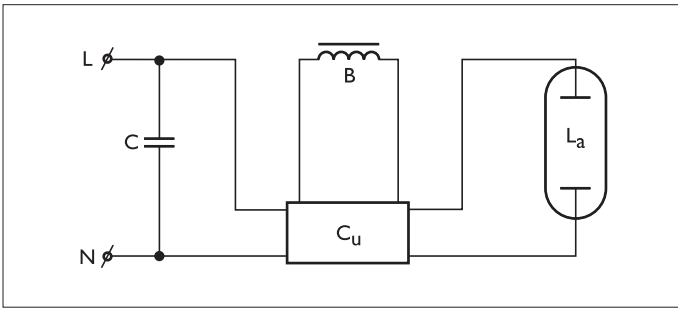
Type	Number of Lamps (x)	Rated Gear-Lamp Power	Power losses gear (W)	Line Frequency (Hz)	Line Voltage (V)	Response voltage (V)	T-case life (°C)	T-case maximum (°C)
BSL 35 L327	1	35	6.3	50	230/240			
CSLS 35	1	35	2.5	50/60	220-240	210	90	90
BSL 50 L307	1	50	9.4	50	230/240			
CSLS 50	1	50	3.0	50/60	220-240	210	90	90
BSL 100 L307	1	100	14.8	50	230/240			
CSLS 100 SDW-T	1	100	4.0	50/60	220-240	210	90	90

Electrical data

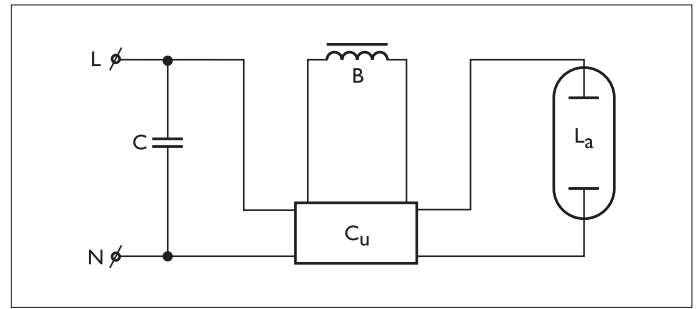
Type	T-ambient	T-winding	Delta-T normal conditions (°C)	Input current with PF-correct. (A)	Cable-Cap outputwires to earth (pF)
BSL 35 L327		130	40	0.20	
CSLS 35	65				50
BSL 50 L307		130	55	0.35	
CSLS 50	65				50
BSL 100		130	75	0.55	
CSLS 100	65				50

Ordering and packing data

Type	Weight	Qty bulk packing	Dimensions bulk packing	EAN code bulk packing	EOC 8711500
BSL 35 L327	0.87 kg	6	19.6 cm x 13.3 cm x 11.1 cm	8711500941671	744142 30
CSLS 35	0.255 kg	18	30.8 cm x 22.3 cm x 9.6 cm	8711500908070	911124 30
BSL 50 L307	1.05 kg	6	19.6 cm x 13.3 cm x 11.1 cm	8711500943057	920355 31
CSLS 50	0.256 kg	18	30.8 cm x 22.3 cm x 9.6 cm	8711500908094	908087 30
BSL 100 L 307	1.3 kg	6	19.6 cm x 13.3 cm x 11.1 cm	8711500060730	915306 30
CSLS 100	0.259 kg	18	30.8 cm x 22.3 cm x 9.6 cm	8711500908711	908704 30



BSL



CSLS

Recommended Compact HID Lamp and Gear combination

Lamp		Electronic operation
Commercial name	Technical name	Gear
Mini MASTERColour	CDM-Tm 20W	PrimaVision mini 20 CDM
	CDM-Tm 35W	PrimaVision mini 35 CDM
MASTERColour Elite CDM-TC	CDM-TC Elite 35W	Primavision 35 CDM
	CDM-TC Elite 70W	Primavision 70 CDM
MASTERColour CDM-TC	CDM-TC 35W	PrimaVision 35 CDM
	CDM-TC 70W	PrimaVision 70 CDM
MASTERColour CDM-R III	CDM-R III 20W	PrimaVision mini 20 CDM
	CDM-R III 35W	PrimaVision 35 CDM
	CDM-R III 70W	PrimaVision 70 CDM
MASTERColour Elite CDM-T	CDM-T Elite 35W	Primavision 35 CDM
	CDM-T Elite 70W	Primavision 70 CDM
MASTERColour CDM-T	CDM-T 35W *	PrimaVision 35 CDM
	CDM-T 70W *	PrimaVision 70 CDM
	CDM-T 150W *	PrimaVision 150 CDM
	CDM-T 250W	Primavision 250 CDM
MASTERColour CDM-TD	CDM-TD 70W	PrimaVision 70 CDM
	CDM-TD 150W	PrimaVision 150 CDM
MASTERColour CDM-TP	CDM-TP 70W **	PrimaVision 70 CDM
	CDM-TP 150W **	PrimaVision 150 CDM
MASTERColour CDM-R	CDM-R 35W ***	PrimaVision 35 CDM
	CDM-R 70W ***	PrimaVision 70 CDM
MASTER mini White SON	SDW-TG 50W	PrimaVision 50W SDW-TG
	SDW-TG 100W	PrimaVision 100W SDW-TG
MASTER White SON	SDW-T 35W	-
	SDW-T 50W	-
	SDW-T 100W	-
MHN/W-TD	MHN/W-TD 70W	-
	MHN/W-TD 150W	-
	MHN/W-TD 250W	-

* CDM-T 35W 942, CDM-T 70W 942 and CDM-T 150W 942 : only electronic operation

** CDM-TP 70W 942 and CDM-TP 150W 942 : only electronic operation

*** CDM-R 35W 942 and CDM-R 70W 942 : only electronic operation

Electro-magnetic operation		
Gear	Ignitor	capacitor
-		
-		
-		
-		
-		
-		
-		
BMH 35 L 407 ITS	SND58	6uF/250V
BMH 70 L 407 ITS	SND58	12uF/250
BSN 150 L 407 ITS	SND58	18uF/250V
BSN250L407 ITS	SND58	32uF/250V
BMH 70 L 407 ITS	SND58	12uF/250V
BSN 150 L 407 ITS	SND58	18uF/250V
BMH 70 L 407 ITS	SND58	12uF/250V
BSN 150 L 407 ITS	SND58	18uF/250V
-		
-		
-		
-		
BSL 37 L 307	CSLS 35	6uF/250V
BSL 50 L 307	CSLS 50	9uF/250V
BSL 100 L 307	CSLS 100	14uF/250V
BMH 70 L 407 ITS	SN(D)58	12uF/250V
BSN 150 L 407 ITS	SN(D)58	18uF/250V
BSN 250 L 407 ITS	SN(D)58	32uF/250V

